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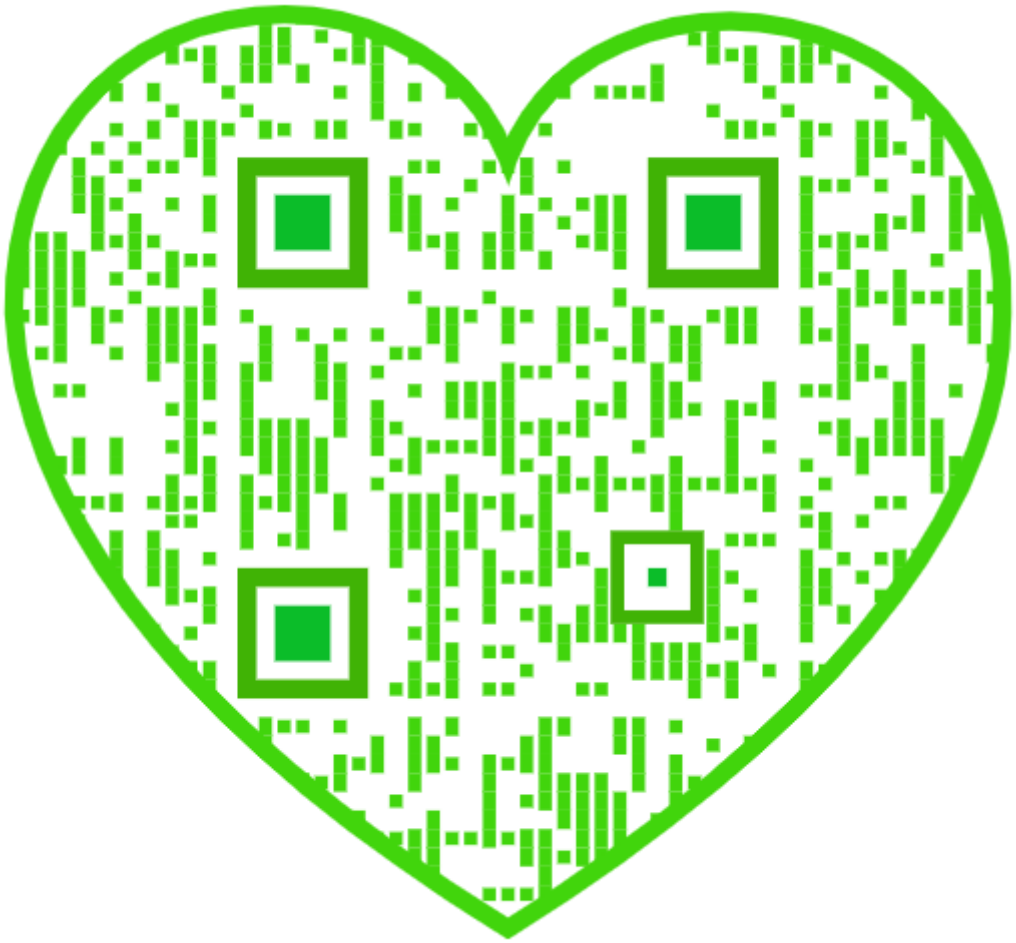

METEOROLOGY

VOL. III.—TABLES

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BRITISH ANTARCTIC EXPEDITION 1910—1913

METEOROLOGY

VOL. III

TABLES

BY

G. C. SIMPSON, D.Sc., F.R.S.

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PREFACE.

With very few exceptions this volume contains a record of every meteorological observation taken on Captain Scott's last expedition from the time the *Terra Nova* left New Zealand on November 30th. 1910. to the time she returned on February 12th. 1913. In addition, it contains a copy of the meteorological record kept at Framheim, with the observations converted into English units.

Now that it is possible to review the meteorogical work of the expedition as a whole one can see how much we owe to the fact that simultaneous observations were taken for the greater part of a year at Framheim, Cape Evans and Cape Adare.

When we heard that Amundsen was in the Antarctic, and in consequence the small party under Lieutenant Campbell which Scott had sent to work near King Edward VII Land had to go to Cape Adare instead, we all considered it a minor disaster. But for the meteorological work this was an advantage which it is impossible to over-estimate, in fact, it led to a distribution of stations unique in the history of polar exploration and one which could not have been attained by any possible amount of forethought. With these stations working for nearly twelve months simultaneously at the three corners of a triangle embracing the Ross Sea and each station about 400 miles from its nearest neighbour, the records from each station became of highly enhanced value, and problems could be investigated and solved which would have remained unknown after a hundred years of observation at one station alone.

Not only in the distribution of stations were we lucky, but also in the character of the observations taken. At Framheim the meteorological work of Captain Amundsen's party was not extensive but very reliable, especially the observations of pressure, temperature and wind. It was at Cape Adare, however, that the most remarkable meteorological work was performed. The party was small, consisting only of three officers and three men, but Mr. Priestley organised and carried through a set of meteorological observations and records which is a model for future expeditions. It is necessary to handle the original records to realise to the full the pains expended on this work, for all records were in duplicate, clean fair copies of all note books and diaries being provided. I cannot be too grateful to the men of this party, to Priestley, Browning and Dickason in particular, and I am sure that anyone who has occasion to study the meteorology of Cape Adare will share my gratitude for the remarkable meteorological diary printed in full on pp. 470–551 of this volume.

In addition to the land stations, the *Terra Nova*, on her three voyages between New Zealand and McMurdo Sound added a large amount of meteorological information. The logs kept on these three voyages have been printed in full, and they are logs of which the observers—mainly the late Lieutenant H. L. L. Pennell, R.N., and Assistant Paymaster Francis R. H. Drake, R.N.—may well be proud. I am particularly glad that these logs should be printed, for they deserve much more attention than I have been able to give them. They are a mine of information and will well repay investigation.

The preparation of this volume has been particularly arduous and if I had not found in Mr. Arthur H. Bell a trained meteorologist, able and willing to see the work through the press, the task might well have proved beyond my powers. The care with which Mr. Bell has made fair copies for the printer of my rough working tables, has checked the

data and compared the tables in this volume with those printed in Volume I, is beyond praise. That some errors remain I do not doubt, but I feel confident that few works of this nature have been more carefully scrutinised before issue, and for this I have to thank Mr. Bell.

With the issue of this Volume is brought to an end the task which I undertook in November, 1909, when Captain Scott asked me to join his expedition as meteorologist. The publication of the results has been long drawn out, but the times have not been normal times, and there is cause for gratification that in spite of wars and consequent financial difficulties it has been found possible to complete the work.

As stated on another page, the cost of the preparation and publication of this report has been defrayed from the Fund which was raised by public subscription in memory of Captain Scott and his companions. If this work proves to be a worthy part of the National Memorial to our great leader, I shall be deeply gratified and more than recompensed for all the time and trouble I have devoted to it.

G. C. S.

London.
February, 1924.

EXPLANATION OF THE TABLES.

Titles.

So far as possible the titles of the tables indicate their contents, while the elements tabulated and the units used are stated at the top of each table on the right hand side, and the place of observation on the left hand side.

Time.

Two times were kept by the expedition :—

(*a*) Standard time, which was twelve hours fast on G.M.T.

(*b*) Local time, the true mean local time for the geographical position.

These times were used as follows :—

Cape Evans : Standard time ; but as local time is 54 minutes behind standard time, it is sufficient for most meteorological purposes to deduct one hour from standard time to obtain local time.

Hut Point : Standard time.

Cape Adare : Local time.

Framheim : Local time.

Terra Nova : Standard time.

Sledging journeys from Cape Evans : Standard time.

,, ,, Cape Adare : Local time of Cape Adare.

Directions.

All directions given in this volume are true. Observers on sledging journeys never recorded magnetic bearings, and the wind directions recorded in the *Terra Nova* logs have been corrected to true bearing.

Italic Type.

Italic type has been used in the tables to indicate values which have been interpolated, or values which have been obtained by a method other than the one in general use. Such values have been used as sparingly as possible and only in those cases where there is good reason to believe that they are very near to the true values.

"Terra Nova" Logs.

The *Terra Nova* logs were kept in the standard form of the London Meteorological Office (Form 131) and the instructions there given followed as closely as conditions permitted. The following additional notes, however, were pasted in the front of each log by the observer :—

Position.—The position is given as accurately as possible for every four hours instead of giving course, &c., as laid down in the form.

Current.—Current observations having been made a special feature are recorded in a book by themselves.

Special observations of a Non-Meteorological character.—Zoological, hydrographical and other subjects being each made a special study of, are recorded in their own books.

Colour of Sea.—The numbers found under this heading refer to "Code des Couleurs classés d'après la méthode Chevreul simplifiée par Paul Klingksieck et Th. Valette."

Colour.—When colour is mentioned with a number, it refers to the above code.

Temperature.—When given without a decimal point is to the nearest degree only. If read closely and is an exact degree, it is logged thus : 67·0.

Cloud Velocity.—The following scale is used :—

⓪ Stationary	① Slow	③ Fast
½ Very slow	② Moderate	④ Very fast

Cloud density.—Indicated by the suffixes 0, 1, 2, 3, thus : 10_3 ; 6_0

0 Very light cloud
1 Light cloud
2 Moderately heavy cloud
3 Heavy dark cloud.

Green Flash.—When sun sets on a clear horizon immediately it has disappeared, a tiny patch of brilliant green is sometimes seen where he was. Entries are made of this phenomenon, when observed under this heading.

Nimbus.—This name has been used for rain clouds even when rain is not falling at the actual moment.

Rain is classified as follows :—

Drizzle	Heavy
Slight	Very heavy
Moderate	Torrential

The suffix $-^{ly}$ is used when only an approximate direction can be given, for instance, in the case of waves or swell at night, light quarterly winds with the ship under weigh, direction of a confused sea, &c. Thus :

N^{ly} . . . . somewhere in the direction of N.

When a suffix is not used it is considered that the exact direction has been obtained.

Time.—12 hours fast on G.M.T., except where otherwise stated.

Original Records.

The original records and the papers used in working up the observations are stored in the library of the Meteorological Office, South Kensington, London, where they may be examined by permission of the Director.

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SECTION I.

TEMPERATURE.

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TABLE I. TEMPERATURE—HOURLY VALUES.

FEBRUARY, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	19	19	18	19	19	18	20	21	21	20	21	18	19	19	19	19	20	19	18	19	17	17	19	19	19·0
2	17	15	15	11	14	14	13	18	19	19	19	21	21	25	24	25	25	23	22	21	22	22	21	22	19·5
3	21	20	19	18	19	18	17	19	21	21	21	22	23	21	21	23	23	23	23	25	23	22	20	20	21·0
4	20	20	21	20	20	20	21	22	23	24	25	26	26	26	26	26	26	25	25	25	25	25	25	24	23·6
5	24	24	25	26	25	25	26	27	27	27	28	29	30	30	29	28	29	28	29	28	29	30	32	30	27·7
6	*24*	*24*	*25*	*26*	*25*	*25*	*26*	*27*	*27*	27	28	26	26	28	29	29	28	29	29	28	27	28	28	28	27·0
7	28	28	28	28	28	28	28	29	30	28	29	30	30	29	29	30	31	31	32	32	33	33	30	31	29·7
8	30	28	28	29	32	31	29	32	29	31	29	29	28	29	30	29	28	30	30	31	30	30	29	26	29·5
9	25	24	23	20	21	23	22	20	19	20	21	22	23	23	23	25	25	23	23	24	24	23	24	25	22·7
10	25	25	24	22	22	22	23	24	24	25	24	25	26	25	25	25	26	26	26	26	25	23	22	21	24·2
11	21	22	23	24	23	22	23	25	25	25	25	26	26	25	24	24	23	23	23	22	21	21	19	18	23·0
12	18	18	19	18	18	18	18	19	19	19	20	19	19	19	19	20	20	18	17	16	17	17	18	18	18·4
13	19	20	18	19	19	20	21	21	21	21	21	21	22	23	23	20	19	19	19	19	22	22	20	19	20·3
14	19	18	19	18	18	18	19	21	21	17	19	22	24	22	20	20	19	17	18	18	19	18	19	18	19·2
15	17	17	16	15	17	17	16	16	16	16	16	15	16	16	15	17	17	17	17	17	17	17	18	18	16·5
16	19	17	17	16	17	17	16	17	17	17	17	18	18	18	19	19	19	19	19	21	20	20	19	19	18·1
17	19	20	20	21	21	22	19	18	20	22	23	23	23	22	23	22	21	21	21	20	22	21	18	16	20·8
18	16	17	18	17	18	19	19	19	18	17	15	13	15	16	17	19	20	21	21	20	18	19	20	20	18·0
19	19	17	17	21	21	20	21	21	21	23	22	23	23	24	24	23	23	22	22	22	22	23	23	22	21·6
20	17	16	15	13	17	15	15	19	*19*	19	19	19	19	18	18	18	18	18	19	20	20	20	19	18	17·8
21	16	16	20	19	18	17	17	21	21	22	20	21	21	20	20	20	20	20	20	20	21	21	21	22	19·7
22	22	22	21	22	21	21	21	21	21	23	23	23	21	19	18	18	18	18	17	15	15	14	12	10	19·0
23	10	11	12	13	14	13	12	13	13	12	9	10	10	9	10	9	9	8	8	9	10	10	10	10	10·6
24	10	10	11	12	11	12	14	17	18	18	19	19	19	18	19	18	16	14	13	13	12	10	9	9	14·2
25	9	9	9	8	8	8	8	8	8	9	9	11	11	11	11	11	11	11	12	11	11	11	11	12	9·9
26	12	12	12	13	13	8	7	6	6	6	7	5	4	4	5	5	4	4	3	2	*2*	2	2	*2*	6·1
27	*2*	*1*	*0*	*0*	*0*	*2*	*3*	4	*5*	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2·3
28	2	3	4	3	4	4	5	4	4	4	4	4	5	6	7	6	5	5	4	*4*	*4*	*4*	*4*	*4*	4·3
Mean .	17·9	17·6	17·8	17·6	18·0	17·8	17·8	18·9	19·1	19·2	19·2	19·4	19·7	19·6	19·6	19·7	19·5	19·1	19·0	18·9	18·9	18·8	18·4	18·0	18·7

TABLE 1. TEMPERATURE—HOURLY VALUES.

March, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day																									
1	4	5	5	6	7	7	8	8	8	9	9	9	9	9	8	7	7	6	6	6	8	10	12	13	7·7
2	13	13	13	13	13	13	12	11	11	11	10	10	10	11	12	10	9	7	7	7	7	7	7	9	10·3
3	9	9	9	9	9	9	8	8	10	11	13	14	15	18	14	14	14	14	12	12	10	10	7	6	11·0
4	6	5	4	5	4	4	4	5	6	8	8	7	8	9	10	4	8	10	5	2	3	3	4	5	5·7
5	7	6	6	4	4	3	2	1	− 1	− 2	− 1	− 1	− 2	− 3	− 3	− 2	− 1	0	0	1	2	2	3	4	1·2
6	5	4	3	3	4	5	5	5	5	5	5	4	4	5	6	6	6	6	6	6	6	5	5	6	5·0
7	6	6	6	6	5	6	6	7	7	8	7	8	8	7	5	8	9	9	7	6	5	5	5	6	6·6
8	6	5	5	6	7	8	7	9	10	11	9	10	11	11	11	11	11	11	12	11	13	14	12	10	9·6
9	10	11	11	12	11	11	10	11	10	11	13	13	13	14	14	14	13	12	11	10	9	9	10	10	11·4
10	11	10	9	8	9	10	10	10	11	11	10	10	9	8	7	6	4	4	3	3	3	3	3	4	7·3
11	5	5	5	4	2	1	2	5	4	6	7	5	3	3	3	4	4	5	6	6	6	5	6	6	4·5
12	6	5	5	5	5	4	2	1	0	− 1	− 4	− 6	− 7	− 7	− 7	− 7	− 7	− 5	− 5	− 3	− 1	0	0	2	−1·0
13	2	2	0	− 1	− 4	− 5	− 5	− 5	− 6	− 6	− 6	− 5	− 4	− 3	− 3	− 3	− 3	− 3	− 1	− 1	− 1	0	0	1	−2·5
14	2	1	0	0	0	0	− 1	− 1	− 2	− 3	− 3	− 3	− 2	− 3	− 2	0	0	0	− 1	− 2	− 3	− 3	− 3	− 3	−1·3
15	− 4	− 5	− 2	0	− 1	− 3	− 4	− 6	− 6	− 5	− 3	− 3	− 2	− 1	− 1	− 1	− 1	− 2	− 2	− 4	− 3	− 4	− 5	− 5	−3·0
16	− 6	− 5	− 3	− 3	− 1	0	− 1	− 2	0	1	1	2	1	2	2	3	3	3	3	3	4	5	7	7	1·1
17	6	7	7	5	3	3	1	0	0	1	1	2	2	2	2	2	3	5	5	6	7	6	6	6	3·7
18	7	10	10	10	10	11	12	11	11	11	11	12	12	10	9	8	10	9	7	5	6	4	3	3	8·8
19	5	4	4	1	0	1	1	1	4	4	5	5	5	5	5	4	4	4	4	4	− 1	4	4	5	3·4
20	5	5	4	4	4	3	2	2	3	4	4	5	6	5	5	7	9	10	10	9	9	8	9	9	5·9
21	9	11	9	10	10	11	13	11	13	14	15	15	17	19	19	19	16	17	22	23	22	20	19	20	15·6
22	19	17	16	16	16	16	17	18	18	18	18	19	18	17	18	13	13	13	14	14	13	12	12	8	15·5
23	11	13	10	8	8	9	10	9	10	10	10	11	11	11	11	11	10	10	11	11	12	13	14	15	10·8
24	16	16	17	18	18	18	17	15	16	18	20	20	21	20	18	15	15	15	14	15	16	16	16	15	16·9
25	14	14	15	16	13	11	12	12	13	13	14	15	15	16	16	15	15	14	14	14	13	13	13	14	13·9
26	13	13	13	12	12	11	10	10	10	11	13	13	14	15	14	14	14	15	14	15	17	15	14	14	13·2
27	14	14	13	12	12	10	9	8	8	10	10	10	8	8	10	11	11	10	11	11	9	6	5	5	9·8
28	4	4	5	6	5	2	3	2	1	1	2	4	6	9	8	8	7	5	5	4	4	4	4	4	4·5
29	4	4	5	5	6	6	6	4	4	4	4	5	7	8	9	11	13	13	13	12	12	12	14	15	8·2
30	14	14	12	10	8	8	8	7	5	4	6	7	8	12	12	9	10	11	11	10	9	10	11	12	9·5
31	13	11	8	10	11	11	12	12	13	14	14	13	13	13	12	12	11	12	12	12	9	10	9	9	11·5
Mean	7·6	7·6	7·2	7·1	6·8	6·6	6·4	6·1	6·3	6·9	7·2	7·4	7·7	8·1	7·9	7·5	7·7	7·8	7·6	7·4	7·3	7·2	7·3	7·6	7·2

TABLE 1. TEMPERATURE—HOURLY VALUES.

April, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	10	10	9	10	7	6	6	4	5	6	7	7	9	11	12	11	11	11	11	10	10	7	5	4	8·3
2	4	5	5	6	5	6	7	6	5	6	7	8	7	7	5	1	− 2	− 2	− 2	1	0	0	− 3	− 4	3·2
3	− 2	0	0	− 2	− 3	− 3	− 2	− 3	− 3	− 3	− 2	− 2	− 4	− 5	− 3	− 2	− 2	− 2	− 3	− 3	− 2	− 1	− 1	− 1	− 2·3
4	− 2	− 2	− 1	− 1	− 1	− 1	1	0	0	0	− 1	− 3	− 1	− 1	− 1	− 1	− 1	− 5	− 3	− 1	− 2	− 2	− 3	− 6	− 1·6
5	− 6	− 5	− 6	− 4	− 3	− 4	− 4	− 4	− 4	− 5	− 5	− 6	− 7	− 6	− 4	− 5	− 4	− 4	− 5	− 5	− 3	− 2	− 4	− 2	− 4·5
6	− 3	− 3	− 2	0	0	0	1	1	2	3	4	4	5	5	6	6	6	6	8	3	5	6	5	5	3·1
7	4	1	1	1	2	1	2	3	2	2	3	9	10	10	12	13	12	10	8	8	9	5	9	9	6·1
8	7	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	5	6	7	5	7	8	8	4·9
9	8	8	7	7	8	8	7	7	6	6	6	6	5	8	6	2	5	4	4	4	4	4	4	4	5·8
10	3	4	4	5	5	5	6	5	7	9	9	9	9	10	8	6	6	8	9	9	9	7	6	5	6·8
11	5	6	6	7	6	7	7	6	5	4	4	5	5	5	5	3	3	3	5	5	5	5	4	5	5·1
12	5	4	4	4	8	8	5	2	0	− 1	- 1	− 1	− 2	− 1	− 1	− 2	− 1	− 1	0	0	0	1	3	3	1·5
13	3	4	3	4	3	0	− 3	− 2	2	2	1	1	3	6	5	5	4	5	6	6	6	5	5	4	3·3
14	4	4	4	5	5	5	5	1	0	0	0	0	0	− 2	− 3	− 2	− 5	− 7	− 8	− 8	− 8	− 8	− 8	− 7	− 1·4
15	− 9	−10	−10	−11	−10	−10	−10	−10	−11	−12	−12	−11	−14	−15	−14	−13	−12	−11	−11	−10	− 9	− 9	− 8	− 7	− 1·8
16	− 8	− 7	− 6	− 7	− 9	− 9	− 7	− 9	−13	−10	− 5	− 4	− 4	− 9	− 9	− 9	− 9	− 6	− 4	− 3	− 9	− 4	− 5	− 5	− 7·1
17	− 6	− 7	− 7	− 7	− 7	− 8	− 9	− 9	− 9	− 9	− 9	− 9	− 9	− 9	− 9	− 9	−10	−10	− 9	−10	−10	− 9	− 9	−10	− 8·7
18	−12	−14	−16	−16	−15	−15	−17	−16	−15	−14	−18	−17	−16	−16	−10	− 9	−10	−10	− 9	−11	−10	−10	−12	−12	−13·4
19	−11	−13	−14	−14	−13	−13	−14	−15	−15	−15	−14	−13	−10	−11	− 7	− 9	− 9	− 8	− 9	− 8	− 7	− 7	− 7	− 6	−10·9
20	− 6	− 6	− 5	− 5	− 6	− 8	− 8	−15	− 9	−11	−10	− 8	− 8	− 9	− 9	− 7	− 7	− 6	− 6	− 6	− 6	− 5	− 6	− 7	− 7·5
21	− 8	− 9	− 8	− 8	− 9	−11	−11	− 7	− 5	− 4	− 5	− 7	− 9	−10	− 5	− 4	− 2	− 2	− 3	− 3	− 3	− 3	− 1	0	− 5·7
22	2	2	3	3	4	3	4	4	6	7	6	6	6	2	2	0	− 1	− 1	2	0	0	2	− 1	4	2·7
23	5	4	2	2	4	6	5	6	6	7	7	8	9	8	8	8	8	9	9	9	9	10	9	8	6·9
24	10	8	9	9	9	8	8	8	8	7	6	9	5	7	8	7	7	7	4	6	3	5	6	7	7·2
25	5	5	6	8	7	5	3	2	− 4	− 2	− 3	− 8	−10	−10	−11	− 9	− 7	− 5	− 3	− 3	− 4	− 4	− 5	− 6	− 2·2
26	− 5	− 5	− 5	− 5	− 4	− 4	− 4	− 3	− 2	− 3	− 5	− 5	− 5	− 4	− 4	− 3	− 2	− 3	− 5	− 5	− 5	− 4	− 7	− 7	− 4·4
27	− 7	− 6	− 9	−10	− 9	− 8	− 8	− 8	− 7	− 9	−11	−11	−12	− 9	− 9	− 7	− 6	− 6	− 6	− 6	− 9	−10	−10	− 9	− 8·3
28	−10	−10	−11	−12	−13	−12	−12	−10	−11	−12	−11	−11	− 9	− 9	− 9	− 8	− 9	− 7	− 7	− 8	− 8	− 5	− 1	− 2	− 9·1
29	− 4	− 4	− 2	− 2	− 2	− 2	− 2	− 2	− 2	− 1	− 1	0	0	4	4	3	2	− 2	− 6	− 4	0	4	5	4	− 0·4
30	0	− 2	0	2	− 1	− 1	− 1	− 2	− 1	0	− 1	0	1	0	0	1	2	1	− 1	0	1	1	2	3	0·2
Mean	−0·8	−1·1	−1·2	−0·9	−0·9	−1·3	−1·4	−1·9	−1·8	−1·6	−1·7	−1·3	−1·4	−1·3	−0·7	−0·9	−1·0	−1·0	−0·9	−0·9	−1·0	−0·5	−0·7	−0·6	− 1·1

TABLE 1. TEMPERATURE—HOURLY VALUES.

May, 1911.

CAPE EVANS.

Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	3	3	4	2	2	2	1	1	1	2	3	2	1	2	2	1	0	1	1	0	− 2	− 2	− 2	− 2	1·1
2	− 3	− 3	− 3	− 4	− 4	− 3	− 4	− 6	− 6	− 6	− 5	− 6	− 1	3	1	− 2	− 3	− 3	− 4	− 6	− 5	− 5	− 4	− 7	− 3·7
3	− 7	− 6	− 7	− 7	− 7	− 8	− 8	− 6	− 7	− 7	− 9	− 9	− 6	− 7	− 6	− 7	− 8	− 7	− 5	− 3	− 5	− 7	− 7	− 7	− 6·8
4	− 7	− 6	− 5	− 4	− 4	− 5	− 5	− 6	− 6	− 5	− 5	− 5	− 5	− 4	− 4	− 4	− 3	− 3	− 2	− 2	− 2	− 2	− 1	− 2	− 4·1
5	− 1	− 1	− 4	− 4	− 5	− 8	− 6	− 6	− 7	− 7	− 6	− 5	− 6	− 6	− 7	− 8	− 7	− 5	− 6	− 5	− 6	− 9	− 6	− 6	− 5·7
6	− 7	− 6	− 7	− 6	− 6	− 6	− 7	− 6	− 7	− 7	− 6	− 5	− 5	− 4	− 5	− 5	− 6	− 8	− 7	− 7	− 5	− 4	− 5	− 5	− 5·9
7	− 5	− 5	− 8	− 7	− 4	− 4	− 4	− 4	− 4	− 6	− 5	− 6	− 5	− 5	− 5	− 5	− 5	− 5	− 5	− 5	− 5	− 5	− 7	− 8	− 5·3
8	− 9	−10	−10	−10	−11	−10	− 9	−10	− 9	−10	−11	−11	−10	−10	−10	− 9	− 9	− 9	− 9	−10	−10	−10	−10	− 9	− 9	− 9·8
9	− 9	− 9	− 9	−10	− 9	− 8	− 9	− 9	− 7	− 7	− 7	− 7	− 6	− 6	−10	−12	−11	−12	−15	−15	−15	−15	−13	−11	−10·1
10	−14	−14	−14	−15	−15	−14	−13	−13	−15	−15	−15	−12	−15	−13	−13	−12	−14	−14	−14	−12	−12	−12	−13	−12	−13·6
11	−13	−12	−13	−14	−14	−13	−14	−13	−13	−13	−12	−12	−12	−12	−14	−14	−14	−14	−14	−15	−16	−16	−17	−17	−13·8
12	−17	−17	−17	−16	−15	−16	−13	−13	−14	−13	−12	−12	−10	− 7	− 7	− 8	− 9	− 9	− 8	− 6	− 5	− 6	−10	−11	−11·3
13	−11	−11	−13	−14	−13	−12	−13	−13	−13	−13	−14	−15	−15	−14	−14	−14	−14	−14	−15	−15	−17	−17	−17	−16	−14·1
14	−15	−14	−14	−13	−12	−15	−19	−18	−19	−18	−17	−16	−15	−16	−17	−18	−20	−22	−24	−22	−22	−22	−25	−26	−17·7
15	−27	−27	−27	−27	−27	−27	−28	−26	−15	−12	−14	−13	−12	−12	−13	−13	−13	−13	−12	−12	−12	−13	−14	−15	−18·4
16	−16	−16	−17	−16	−16	−17	−18	−17	−17	−16	−15	−15	−16	−17	−17	−17	−15	−15	−14	−14	−13	−11	−13	−12	−15·4
17	−10	− 9	− 8	− 8	− 8	− 8	− 7	− 7	− 6	− 5	− 4	− 2	− 2	− 3	− 4	− 5	− 5	− 4	− 5	− 5	− 3	− 2	− 2	− 1	− 5·2
18	− 2	− 3	− 3	− 2	− 3	− 3	− 3	− 4	− 5	− 5	− 4	− 4	− 4	− 6	− 7	− 7	− 7	− 7	−11	−12	−14	−14	−13	−13	− 6·5
19	−13	−13	−12	−12	−11	−11	−10	−10	− 9	− 9	− 8	− 8	− 6	−10	−13	−13	−14	−13	− 9	− 9	− 9	−10	−11	−11	−10·6
20	−11	−11	−11	−11	−15	−19	−19	−18	−18	−18	−19	−20	−22	−22	−23	−23	−24	−25	−25	−24	−24	−25	−25	−25	−19·9
21	−24	−23	−22	−20	−18	−17	−16	−16	−15	−15	−15	−17	−17	−15	−20	−20	−21	−21	−20	−21	−21	−21	−21	−21	−19·1
22	−25	−25	−26	−25	−25	−26	−26	−27	−27	−27	−26	−26	−28	−28	−29	−28	−25	−26	−28	−25	−23	−22	−20	−20	−25·6
23	−22	−24	−24	−27	−26	−26	−27	−26	−26	−26	−27	−29	−26	−22	−21	−21	−21	−21	−23	−25	−25	−28	−25	−20	−24·5
24	−18	−18	−18	−17	−16	−15	−15	−13	−12	−12	−10	−10	− 9	− 9	− 8	− 7	− 6	− 5	0	0	0	− 2	0	0	− 9·2
25	− 1	− 1	0	− 1	− 2	− 3	− 3	3	1	2	3	3	4	4	5	7	4	2	− 3	− 4	− 5	− 2	− 3	− 4	0·3
26	− 6	− 6	−10	− 9	−10	−12	−12	−12	−13	−14	−14	−13	−14	−15	−15	−15	−15	−16	−17	−16	−16	−15	−14	−13	−13·0
27	−10	−10	−10	− 9	−12	−11	−10	−10	−11	− 9	−10	−10	−11	−12	−14	−15	−15	−16	−14	−10	− 9	− 9	−11	−10	−11·2
28	− 9	−13	−16	−16	−18	−18	−18	−19	−22	−23	−21	−21	−17	−19	−19	−19	−18	−17	−18	−18	−17	−16	−17	−17	−17·8
29	−18	−17	−18	−18	−18	−18	−18	−18	−18	−19	−17	−17	−17	−18	−18	−17	−16	−16	−15	−15	−16	−14	−13	−13	−16·8
30	−12	−12	−11	−11	− 9	− 8	− 6	− 5	− 4	− 5	− 4	− 6	− 7	− 7	− 7	− 9	− 9	− 6	− 5	− 5	− 6	− 6	− 6	− 5	− 7·2
31	− 5	− 6	− 5	− 3	− 2	− 2	0	0	5	14	14	13	11	13	7	7	9	12	11	11	12	10	7	7	5·9
Mean	−11·1	−11·1	−11·6	−11·4	−11·4	−11·7	−11·6	−11·2	−10·9	−10·5	−10·1	−10·1	−9·8	−9·6	−10·5	−10·7	−10·8	−10·7	−10·8	−10·6	−10·6	−10·7	−10·9	−10·7	−10·8

TABLE I. TEMPERATURE—HOURLY VALUES.

JUNE, 1911.

CAPE EVANS. Fahrenheit degrees

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	7	6	4	3	8	10	9	7	6	5	3	1	0	4	5	4	5	4	5	6	7	7	9	9	5·6
2	9	8	5	11	3	3	4	4	4	4	4	3	2	2	3	3	2	4	1	3	4	2	3	2	3·9
3	0	2	− 3	− 5	3	4	4	5	5	5	5	6	6	5	6	6	7	6	3	5	6	7	8	5	4·1
4	3	0	0	0	0	1	2	2	1	3	1	0	− 3	− 3	− 2	− 3	− 2	− 3	− 4	− 2	− 2	− 8	− 5	− 4	− 1·2
5	−11	−13	−13	−13	−10	− 5	− 9	− 6	− 8	− 8	− 7	− 5	− 1	2	11	11	12	13	10	14	12	13	11	12	0·5
6	12	12	11	11	11	11	12	13	15	15	16	17	17	16	13	13	14	13	12	9	10	10	6	8	12·4
7	8	9	7	7	8	9	4	4	3	0	− 2	0	− 4	− 2	− 2	− 4	− 3	− 1	− 5	− 6	− 6	− 7	− 7	− 8	0·1
8	− 6	− 9	−10	−12	−12	−12	−12	−12	− 9	− 7	− 6	− 6	−13	− 13	−11	−10	−10	−10	− 9	− 8	− 5	− 5	− 5	− 5	− 9·1
9	− 3	− 5	− 5	− 6	− 7	− 7	− 9	−10	−11	− 10	−10	− 8	− 8	− 8	7	− 7	− 7	− 6	− 5	− 5	4	− 5	− 5	− 4	− 6·8
10	− 2	− 3	− 5	− 5	− 5	− 5	− 4	− 2	0	3	3	3	2	1	0	0	0	0	0	1	2	4	5	5	− 0·1
11	5	5	3	1	0	− 1	− 1	− 1	− 1	− 1	− 2	− 3	− 5	− 4	− 4	− 3	− 2	− 2	− 2	− 5	− 4	− 3	− 2	− 3	− 1·5
12	− 3	− 3	− 4	− 5	− 5	− 6	− 5	− 6	− 8	− 8	− 9	− 9	− 8	− 7	− 7	− 8	−11	−11	−13	−12	−10	− 9	−10	−10	− 7·8
13	−12	−13	−14	−15	−16	−18	−18	−22	−23	−23	−21	−20	−21	−25	−25	−26	−22	−20	−17	−20	−21	−18	−21	−20	−19·7
14	−20	−21	−19	−18	−19	−22	−21	−19	−16	−15	−16	−16	−14	−15	−14	−11	− 8	− 7	− 6	− 6	− 6	− 6	− 7	− 6	−13·7
15	− 4	− 7	− 8	−10	− 9	−15	−15	−15	−12	−11	−10	−10	−11	− 13	−15	−16	−15	−15	−16	−16	−16	−18	−20	−18	−13·2
16	−20	−21	−20	−19	−17	−18	−16	−17	−15	−14	−14	−14	−15	−16	−16	−17	−17	−17	−16	−17	−21	21	−22	−23	−17·7
17	−21	−22	−22	−22	−21	−19	−16	−15	−15	−11	−10	−14	−15	−15	−15	15	−14	−14	−14	−14	−13	−13	−13	−12	−15·7
18	−12	−12	−12	−10	− 9	−10	−10	−10	−10	−10	−10	−11	−12	−13	−14	−15	−14	−17	−18	−17	−17	−16	−15	−12·7	
19	−15	−14	−14	−17	−16	−17	−19	−19	−18	−18	−18	−18	−20	−22	−22	−25	−25	−24	−26	−24	−23	−23	−25	−25	−20·3
20	−24	−27	−29	−30	−32	−35	−35	−35	−34	−32	−32	−25	−25	−30	−33	−31	30	−30	−31	−31	−32	−32	−31	−27	−30·6
21	−29	−31	−30	−29	−28	−28	−29	−30	−32	−32	−31	−33	−33	−30	−32	−31	−33	−36	−37	−37	−36	−37	−30	−25	−31·7
22	−24	−23	−23	−23	−23	−23	−24	−25	−23	−23	−23	−23	−25	−28	−31	−32	−34	−33	−33	−33	−32	−34	−35	−36	−27·8
23	−36	−36	−37	−37	−37	−36	−34	−33	−32	−30	−27	−26	−26	−24	−24	−23	−22	−21	−20	−20	−20	−20	−20	−18	−27·5
24	−17	−17	−17	−17	−18	−20	−23	−23	−25	−22	−23	−23	−22	−24	−23	−24	−24	−24	−24	−26	−26	−26	−26	−26	−22·5
25	−25	−25	−25	−24	−24	−24	−14	−14	−13	−13	−15	−17	−15	−16	−16	−15	−16	−19	−18	−16	−22	−24	−23	−22	−19·0
26	−24	−22	−22	−24	−24	−23	−27	−23	−30	−30	−29	−25	−25	−24	−28	−30	−32	−31	−30	−30	−30	−29	−31	−32	−27·3
27	−32	−32	−31	−32	−31	−30	−28	−28	−27	−23	−24	−26	−20	−12	−13	−12	15	−19	−21	−22	−21	−21	−21	−21	−23·4
28	−23	23	22	−22	−25	−22	−29	−28	26	−24	−25	−25	−26	−25	−23	−24	−28	−27	−28	−24	−26	−24	−26	−27	−25·1
29	−28	−27	−28	−27	−24	−27	−31	−30	−25	−16	−18	−18	−26	−26	−25	−25	−26	−26	−26	−28	−28	−28	−27	−27	−25·7
30	−29	−29	−33	−35	−33	−33	−33	−33	−34	−34	−33	−33	−32	32	31	−32	−31	−30	−30	−30	−30	−30	−30	−30	−31·7
Mean	−12·5	−13·2	−13·9	−14·1	−13·7	−13·9	−14·2	−14·0	−13·8	−12·7	−12·8	−12·6	−13·2	−13·2	−13·1	−13·4	−13·4	−13·3	−13·9	−13·7	−13·7	−13·8	−13·9	−13·4	−13·5

TABLE 1. TEMPERATURE—HOURLY VALUES.

JULY, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	−38	−36	−37	−38	−40	−40	−40	−40	−39	−36	−34	−35	−35	−36	−36	−37	−38	−37	−37	−38	−36	−32	−30	−29	−36·4
2	−30	−29	−30	−34	−34	−33	−33	−33	−34	−34	−34	−34	−34	−34	−34	−36	−35	−36	−37	−37	−37	−37	−38	−37	−34·4
3	−36	−37	−37	−37	−36	−36	−36	−37	−34	−35	−36	−38	−38	−37	−36	−34	−33	−34	−34	−34	−36	−35	−35	−34	−35·7
4	−35	−34	−30	−26	−25	−26	−25	−23	−19	−22	−26	−26	−26	−26	−23	−23	−24	−25	−23	−21	−22	−23	−24	−26	−25·2
5	−27	−27	−27	−26	−24	−25	−28	−30	−32	−32	−33	−35	−35	−34	−34	−36	−35	−36	−38	−36	−36	−37	−37	−37	−32·4
6	−37	−38	−39	−40	−42	−44	−45	−46	−45	−44	−45	−44	−44	−45	−44	−44	−43	−45	−46	−47	−44	−44	−46	−48	−43·7
7	−49	−49	−50	−49	−49	−49	−50	−50	−50	−48	−42	−38	−35	−33	−32	−31	−30	−30	−31	−32	−33	−34	−35	−36	−40·2
8	−36	−38	−39	−40	−40	−40	−40	−37	−35	−34	−34	−35	−35	−36	−35	−32	−34	−32	−31	−31	−31	−29	−29	−28	−34·7
9	−28	−28	−29	−30	−30	−30	−28	−25	−23	−22	−21	−20	−19	−19	−17	−16	−15	−12	−10	−10	−10	−9	−8	−7	19·4
10	−5	−4	−3	−3	−3	−2	−2	0	0	2	3	5	6	5	4	3	4	4	4	4	4	3	4	5	1·6
11	4	5	4	4	4	4	6	6	7	7	2	4	7	8	8	7	6	7	7	6	8	8	8	6	6·0
12	4	4	4	4	4	2	1	2	5	5	4	4	4	4	5	2	2	2	2	3	3	3	3	3	3·3
13	1	1	1	1	−1	−4	−4	−4	−4	−2	−1	0	−2	−6	−11	−12	−11	−10	−8	−6	−5	−5	−2	−2	−4·0
14	−4	−5	−10	−10	−8	−6	−3	−4	−1	−1	−5	−3	−3	−4	−8	−10	−11	−13	−13	−12	−12	−13	−13	−13	−7·7
15	−13	−13	−12	−12	−12	−11	−10	−10	−11	−12	−12	−12	−11	−11	−12	−9	−8	−10	−9	−9	−10	−13	−14	−18	−11·4
16	−10	−10	−10	−10	−10	−12	−13	−13	−16	−18	−20	−21	−22	−21	−19	−20	−20	−18	−20	−18	−17	−17	−16	−16	−16·2
17	−15	−16	−15	−13	−15	−19	−21	−21	−22	−17	−18	−15	−15	−14	−15	−17	−18	−18	−18	−20	−22	−23	−23	−22	−18·0
18	−21	−20	−20	−22	−23	−23	−24	−24	−23	−24	−26	−27	−28	−27	−26	−26	−28	−28	−31	−31	−31	−30	−32	−32	−17·8
19	−33	−33	−35	−35	−35	−35	−34	−35	−34	−34	−32	−34	−33	−33	−34	−34	−34	−35	−35	−34	−35	−35	−36	−35	−34·3
20	−36	−34	−33	−31	−31	−30	−23	−23	−28	−27	−28	−27	−27	−25	−26	−26	−26	−30	−26	−25	−25	−22	−24	−26	−27·5
21	−26	−27	−28	−30	−31	−33	−32	−33	−35	−34	−34	−34	−34	−31	−30	−30	−29	−28	−26	−26	−26	−27	−28	−28	−30·0
22	−28	−27	−24	−22	−22	−19	−12	−8	−6	−9	−12	−14	−14	−16	−16	−15	−14	−13	−13	−13	−13	−12	−13	−14	−15·4
23	−14	−14	−14	−12	−12	−10	−8	−7	−5	−4	−3	−1	0	1	1	4	6	6	4	4	5	6	6	7	−2·3
24	8	6	8	6	4	1	−4	−5	−8	−8	−8	−9	−8	−8	−7	−8	−9	−8	−12	−14	−14	−15	−16	−17	6·1
25	−17	−17	−18	−19	−21	−22	−22	−21	−18	−16	−12	−9	−8	−8	−8	−8	−7	−6	−7	−7	−10	−14	−11	−11	−9·1
26	−10	−10	−12	−11	−15	−17	−17	−14	−15	−15	−15	−15	−16	−17	−18	−18	−17	−16	−17	−16	−15	−15	−15	−16	−15·1
27	−18	−20	−22	−21	−23	−24	−24	−24	−25	−25	−26	−26	−27	−28	−27	−27	−27	−27	−28	−30	−31	−32	−33	−33	−26·2
28	−34	−33	−32	−31	−33	−34	−33	−32	−33	−31	−31	−30	−31	−31	−31	−25	−19	−19	−21	−23	−25	−24	−24	−26	−28·6
29	−22	−12	−10	−12	−12	−12	−13	−14	−15	−15	−15	−15	−15	−17	−20	−18	−21	−21	−22	−24	−25	−26	−28	−28	−18·0
30	−30	−32	−32	−33	−34	−34	−32	−33	−34	−35	−35	−34	−33	−32	−32	−32	−32	−34	−36	−35	−35	−34	−34	−33	−33·4
31	−32	−32	−34	−34	−33	−33	−32	−32	−33	−34	−35	−35	−34	−30	−28	−29	−28	−28	−27	−28	−30	−30	−29	−30	−31·3
Mean ...	−21·5	−21·3	−21·5	−21·5	−22·0	−22·5	−22·0	−21·6	−21·5	−21·1	−21·4	−21·1	−20·8	−20·7	−20·7	−20·6	−20·3	−20·3	−20·6	−20·7	−20·9	−20·9	−21·0	−21·3	−21·1

TABLE 1. TEMPERATURE—HOURLY VALUES.

August, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	−31	−33	−33	−32	−32	−32	−29	−29	−32	−32	−32	−33	−34	−34	−33	−30	−32	−29	−28	−21	−12	−14	−14	−15	−28·2
2	−14	−15	−20	−27	−28	−29	−29	−29	−30	−30	−30	−30	−30	−30	−30	−30	−31	−32	−30	−28	−29	−28	−27	−28	−27·7
3	−26	−25	−25	−26	−28	−30	−29	−29	−24	−13	−11	−11	−10	− 9	−10	− 9	−12	−13	−10	−11	− 8	−10	−11	−12	−16·8
4	−16	−18	−17	−16	−18	−19	−21	−22	−23	−23	−23	−22	−21	−21	−20	−21	−22	−22	−21	−21	−22	−22	−22	−22	−20·7
5	−21	−20	−22	−22	−21	−22	−24	−27	−31	−32	−31	−32	−31	−28	−17	−12	−12	−10	−10	−10	−15	−18	−17	−16	−20·9
6	−13	−12	−14	−17	−20	−20	−17	−17	−18	−16	−14	−15	−16	−16	−15	−17	−20	−20	−22	−22	−20	−20	−19	−19	−17·5
7	−20	−20	−20	−22	−23	−24	−25	−25	−24	−25	−26	−26	−25	−27	−26	−27	−26	−25	−26	−27	−27	−27	−27	−28	−24·9
8	−28	−29	−31	−32	−32	−33	−32	−34	−36	−36	−36	−36	−34	−32	−32	−31	−29	−27	−26	−29	−30	−31	*−33*	*−34*	−31·8
9	*−33*	*−32*	*−31*	*−30*	*−30*	*−31*	*−32*	*−32*	*−33*	*−34*	*−35*	*−36*	*−36*	*−35*	*−34*	*−34*	−32	−32	−31	−32	−28	−28	−32	−32	−32·3
10	−30	−30	−30	−32	−32	−30	−28	−27	−26	−25	−25	−24	−24	−24	−22	−22	−20	−17	−18	−18	−18	−16	−16	−24	−24·1
11	−18	−17	−22	−22	−20	−21	−23	−20	−17	−16	−19	−20	−20	−20	−24	−26	−28	−24	−22	−18	−17	−18	−18	−19	−20·4
12	−19	−22	−20	−21	−22	−22	−22	−22	−26	−29	−30	−32	−34	−35	−36	−36	−36	−36	−37	−37	−36	−37	−37	−38	−30·1
13	−38	−39	−40	−40	−39	−39	−40	−40	−41	−41	−40	−40	−40	−39	−38	−37	−38	−39	−38	−37	−37	−37	−37	−38	−38·9
14	−40	−40	−40	−40	−41	−42	−42	−41	−40	−40	−39	−38	−36	−36	−37	−37	−36	−37	−38	−37	−37	−38	−39	−38	−38·7
15	−38	−37	−38	−38	−38	−39	−38	−38	−38	−38	−38	−37	−34	−28	−28	−29	−30	−32	−34	−34	−36	−36	−36	−36	−35·4
16	−36	−36	−36	−34	−32	−34	−35	−35	−34	−34	−34	−34	−34	−34	−34	−34	−34	−36	−39	−39	−39	−39	−40	−41	−35·7
17	−40	−39	−38	−34	−36	−37	−37	−37	−37	−35	−35	−36	−35	−34	−35	−35	−35	−35	−36	−36	−37	−38	−36	−35	−36·2
18	−34	−36	−37	−38	−38	−38	−37	−39	−40	−39	−39	−38	−36	−36	−37	−36	−36	−36	−35	−36	−37	−36	−36	−37	−37·0
19	−37	−36	−32	−15	−15	−17	−16	−17	−14	−12	−12	−12	−12	−11	−11	−10	−10	− 9	− 9	− 8	− 8	− 8	− 6	− 6	−14·3
20	− 4	− 5	− 6	− 6	− 6	− 3	− 1	− 1	0	0	0	2	− 5	− 6	− 3	− 2	− 2	− 1	− 5	− 9	−12	−10	− 9	− 9	− 4·3
21	− 9	−10	−11	−11	− 8	− 3	− 2	− 8	−14	−14	−17	−18	−16	−14	−14	−15	−16	−18	−19	−20	−22	−20	−21	−21	−14·2
22	−20	−15	− 7	− 5	− 3	− 1	− 2	− 2	− 4	− 3	− 3	− 3	− 4	− 4	− 4	− 4	− 4	− 2	− 2	− 2	0	2	3	4	5	− 3·2
23	6	8	9	10	11	11	10	2	− 6	−10	−12	−14	−16	−16	−12	− 7	− 4	− 3	0	2	4	5	6	7	− 0·4
24	9	10	9	10	10	9	8	9	9	10	10	11	12	13	14	15	15	15	14	14	14	13	12	12	11·6
25	11	10	10	10	10	10	9	10	8	7	6	7	8	8	7	5	4	3	0	− 2	6	7	4	1	6·7
26	− 2	0	− 2	− 1	− 1	− 2	− 7	− 8	− 9	−10	−11	−12	−12	−12	−12	−12	−11	−11	− 9	− 7	−10	− 8	− 8	−10	− 7·8
27	−11	−12	−15	−15	−14	−12	−12	−18	−18	−18	−18	−18	−21	−21	−21	−20	−21	−22	−23	−22	−22	−22	−20	−20	−18·2
28	−25	−20	−20	−19	−15	−20	−20	−18	−18	−18	−18	−18	−21	−21	−21	−20	−21	−22	−23	−23	−22	−22	−20	−20	−20·2
29	−21	−23	−23	−25	−26	−26	−26	−28	−26	−25	−26	−27	−28	−28	−29	−31	−31	−33	−34	−35	−32	−28	−28	−26	−27·7
30	−24	−24	−24	−23	−24	−24	−24	−24	−24	−24	−26	−30	−30	−28	−27	−28	−27	−24	−23	−23	−20	−19	−19	−19	−24·3
31	−20	−20	−21	−21	−21	−20	−20	−22	−24	−26	−26	−27	−27	−23	−28	−26	−20	−15	−15	−16	−18	−20	−21	−22	−21·7
Mean	−20·7	−20·6	−20·9	−20·5	−20·4	−20·7	−20·8	−21·6	−22·3	−22·0	−22·3	−22·6	−22·7	−22·0	−21·6	−21·2	−21·1	−20·8	−20·9	−20·7	−20·2	−20·1	−20·1	−20·7	−21·1

TABLE 1. TEMPERATURE—HOURLY VALUES.

September, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	−21	−19	−16	−16	−16	−15	−14	−12	−14	−15	−17	−19	−17	−18	−20	−21	−22	−24	−24	−25	−28	−28	−28	−28	−19·9
2	−28	−28	−25	−25	−26	−27	−28	−28	−28	−27	−28	−30	−29	−27	−26	−26	−27	−30	−32	−32	−32	−31	−32	−34	−28·6
3	−33	−32	−31	−32	−33	−32	−31	−34	−33	−33	−31	−30	−30	−29	−28	−27	−27	−28	−27	−27	−27	−27	−27	−27	−29·9
4	−29	−25	−25	−24	−24	−24	−26	−26	−26	−25	−25	−24	−23	−24	−25	−25	−25	−25	−26	−25	−27	−29	−30	−31	−25·8
5	−31	−32	−33	−34	−32	−32	−36	−35	−34	−36	−36	−29	−28	−31	−33	−35	−36	−36	−35	35	−35	−35	−34	−34	−33·7
6	−32	−31	−30	−27	−12	−10	− 9	− 8	− 5	− 7	−11	−12	−14	−11	−11	−12	−10	− 8	− 7	− 6	− 6	− 4	− 2	− 2	−12·0
7	− 2	− 6	−10	− 6	− 6	− 7	− 9	− 8	− 6	− 5	− 3	− 5	− 4	− 2	−10	−13	− 5	− 3	− 6	− 8	− 9	− 8	−10	−13	− 6·9
8	−13	−13	−12	−11	− 9	−10	−15	−17	−17	−17	−16	−14	−12	−15	−17	−19	−19	−19	−22	−22	−23	−22	−23	−23	−16·7
9	21	23	24	25	−24	24	−25	−26	−25	−25	−25	−24	−24	−25	−25	−25	−26	−27	−27	−27	30	−28	27	24	25·3
10	−25	−24	−23	−24	−23	−23	−23	24	−24	−22	−23	−22	−22	−22	−21	−21	−22	−22	−23	−23	−26	−30	−31	−33	−24·0
11	−34	−35	−31	34	−33	−33	−32	−32	−31	−32	−31	−31	−31	−31	−30	−30	−29	−28	−26	−26	−26	−28	−27	−27	−30·4
12	−27	−27	−28	−26	−25	24	−23	−23	−23	−26	−27	−27	−25	−22	−10	− 8	−10	−19	−17	−21	−22	−20	−19	−21	−21·7
13	−21	−20	−21	−21	−21	20	21	21	−22	−23	−21	−22	−25	−25	24	−25	−25	−22	−22	−24	−26	−27	−28	−27	−23·1
14	−28	−22	−22	−23	−21	21	−23	−21	−23	−24	−24	−29	−26	−26	−27	−28	−31	−32	−32	−33	−30	−31	−33	−32	−26·8
15	34	−35	33	−34	−33	34	−36	−37	−33	−36	−35	−33	−31	−30	−29	−29	−26	−25	−24	−23	22	−22	−22	−22	−29·9
16	−22	−21	−22	−20	−20	19	−18	19	−22	−19	−17	−20	−14	20	16	−17	−14	16	− 1	− 3	0	4	5	3	−13·7
17	2	− 2	− 1	0	3	1	2	− 8	− 4	4	− 3	− 8	−10	−10	−12	−14	−12	−14	−12	− 8	−10	− 8	− 5	−13	− 6·1
18	−13	−14	−17	−15	−14	13	−12	−12	−20	−18	−20	−20	−18	−16	−16	−15	−14	−14	−21	−19	−18	−18	19	−19	−16·5
19	18	−18	18	−18	18	18	19	−18	−22	−23	−22	−21	−20	−20	−19	−19	−22	−23	−20	−18	−16	−15	13	13	18·8
20	−14	−15	−12	− 9	− 8	−10	10	− 8	− 6	− 7	− 7	−10	−10	−11	−13	6	10	7	2	2	2	2	− 4	− 3	− 5·3
21	− 4	− 5	− 4	− 3	− 2	− 3	− 3	− 3	− 2	− 1	− 1	0	0	1	2	2	− 2	− 5	− 3	− 3	− 3	− 3	− 4	0	− 2·1
22	− 1	− 3	− 3	− 3	− 1	0	− 1	1	− 8	1	1	3	0	− 5	− 7	− 8	−10	−12	−11	−10	−10	− 9	−10	− 9	− 4·8
23	− 8	−11	−11	−10	−11	−11	−10	−10	−11	7	10	5	5	7	11	− 4	−11	− 5	− 2	− 4	− 8	− 8	− 8	−16	− 4·8
24	15	−15	−13	−11	−16	−17	−18	−20	−18	−17	−16	−16	−15	13	−12	−11	−11	−11	−11	−12	−14	−14	−13	−11	14·2
25	1	11	−11	−11	11	10	− 9	− 9	− 7	− 8	− 6	− 6	− 6	− 6	− 6	− 6	− 6	− 5	− 4	− 4	− 1	8	8	8	− 4·9
26	4	5	5	6	6	7	6	6	7	6	3	3	3	3	3	3	3	2	1	1	1	1	2	− 3	3·3
27	− 3	− 4	− 6	− 6	− 9	13	− 8	− 7	− 7	− 6	− 7	− 8	− 6	− 6	− 5	− 5	− 5	− 5	− 4	− 4	12	13	− 9	11	− 7·1
28	12	11	10	12	− 6	11	11	14	14	15	14	13	11	12	11	11	− 7	11	10	10	− 9	− 9	− 9	− 9	10·9
29	11	− 9	10	11	12	12	14	11	− 8	10	12	14	14	15	11	12	14	15	17	16	16	20	16	18	13·3
30	16	15	14	13	− 6	− 9	7	− 7	6	4	3	3	8	7	7	8	9	9	10	11	11	8	2	6	0·2
Mean .	−17·0	−17·4	−17·0	16·6	−15·4	−15·8	−16·2	16·4	16·4	−15·4	−15·4	−15·8	−15·0	−15·1	−14·7	−14·9	−14·9	−15·5	−15·1	−15·1	−15·7	−15·5	−15·7	−16·2	−15·8

TABLE 1. TEMPERATURE—HOURLY VALUES.

October, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	5	6	7	8	− 4	− 5	− 3	− 4	− 5	− 2	1	6	10	11	1	1	1	1	1	2	2	5	3	5	2·2
2	6	4	6	4	4	3	2	3	5	5	5	2	2	1	2	2	2	2	3	2	2	2	4	5	3·3
3	5	5	5	4	5	5	4	3	3	2	3	3	2	3	5	7	7	7	5	4	4	3	2	4	4·2
4	5	5	3	2	− 3	− 4	− 6	− 6	− 4	− 3	− 2	− 7	− 7	− 7	− 7	− 6	− 6	− 7	− 7	− 6	− 8	− 4	− 5	− 5	− 4·0
5	− 8	− 4	1	0	0	0	0	0	1	1	1	2	− 3	− 3	− 3	− 4	− 4	− 4	− 4	− 4	− 4	− 4	− 1	1	− 1·9
6	− 1	− 3	− 8	− 8	− 8	− 5	− 6	− 6	− 7	− 7	− 6	− 6	− 6	− 7	− 7	− 7	− 9	−11	−11	−11	− 8	− 7	− 8	9	− 7·2
7	−10	−10	− 9	−10	−10	−13	−15	−14	−15	−15	−15	−14	−15	−16	−19	−19	−20	−20	−20	−21	−20	−19	−19	−12	−15·4
8	−13	−17	−14	− 9	− 8	− 8	−12	−18	−15	−10	−10	−10	−10	−11	−10	−15	−17	−16	−16	−15	−15	−16	−17	−18	−13·4
9	−15	−20	−20	−16	−17	−18	−18	−17	−15	−14	−12	− 8	− 7	− 6	− 6	− 9	−10	−10	−10	− 9	−10	−11	−12	−14	−12·7
10	−14	−12	−13	−14	−15	−15	−16	−16	−15	−15	−14	−12	−11	−10	−10	− 9	− 9	− 8	− 8	− 8	− 7	− 7	− 7	− 7	− 11·4
11	− 8	− 8	− 9	−13	−15	−15	−15	−14	−13	−13	−11	− 9	−12	−11	−10	−10	−10	−10	− 9	− 9	− 9	−10	−10	−10	−11·0
12	−10	−11	−13	−16	−17	−16	−13	−12	−11	− 9	− 9	− 9	− 4	− 2	− 1	− 2	− 2	2	2	2	2	2	− 2	− 4	− 6·9
13	− 4	− 2	− 3	− 1	− 1	− 1	1	1	1	0	− 2	− 1	− 1	0	0	1	1	2	0	0	0	0	− 1	1	− 0·4
14	0	3	6	− 4	− 3	0	− 2	− 3	− 1	2	3	1	0	1	3	3	4	4	5	6	6	0	0	− 2	1·4
15	− 1	1	− 3	3	− 6	0	0	0	0	− 1	0	2	9	0	− 4	− 1	6	9	− 6	− 5	0	− 6	− 6	−10	− 0·8
16	−11	− 9	− 8	− 7	−10	−13	−10	− 9	−10	− 9	− 8	− 6	− 6	− 7	− 9	− 8	− 9	− 8	− 9	− 9	− 9	−10	−11	−12	− 9·1
17	−12	−14	−17	−20	−19	−15	−18	−18	−19	−16	−13	−10	− 9	− 9	− 8	− 8	− 8	− 7	− 7	− 7	− 6	− 5	− 4	− 4	−11·4
18	− 5	− 4	− 5	− 5	6	7	8	5	5	4	4	3	4	4	4	5	6	6	5	5	5	5	4	3	3·3
19	2	2	1	0	0	1	− 1	0	2	2	3	1	− 1	− 3	1	2	− 2	− 4	− 3	− 2	− 5	− 7	− 4	− 2	− 0·7
20	− 3	− 3	− 2	− 2	0	0	1	3	3	1	2	− 1	0	− 1	− 1	0	− 4	− 6	− 6	− 9	− 6	− 3	− 5	− 7	− 2·1
21	− 7	−10	− 7	− 3	− 6	− 6	− 6	− 5	− 3	− 2	− 1	− 2	− 1	− 1	− 1	1	1	0	− 1	− 1	− 3	− 3	− 6	− 6	− 3·3
22	− 8	− 8	− 6	− 7	− 5	− 4	− 2	− 4	− 1	0	− 4	− 3	− 6	−11	−12	−12	− 9	− 8	− 7	− 7	− 6	− 5	− 4	− 4	− 6·0
23	− 4	− 3	− 7	− 8	− 9	− 9	− 7	− 6	− 5	− 6	− 4	− 4	− 4	− 5	− 3	− 2	− 1	− 1	− 1	− 1	− 3	− 4	− 4	− 5	− 4·4
24	− 6	− 6	− 5	− 6	− 4	− 7	− 9	− 9	− 9	− 8	− 7	− 8	− 6	− 5	− 4	− 2	− 1	− 1	0	1	0	− 4	− 4	− 4	− 4·8
25	− 4	− 5	− 1	0	− 6	− 4	− 3	− 5	− 2	− 1	− 2	− 1	− 1	1	2	3	1	− 1	0	0	− 2	− 4	− 5	− 4	− 1·9
26	− 3	− 4	− 4	− 3	− 3	− 1	− 4	− 1	− 1	− 2	− 3	− 2	− 2	− 3	− 4	− 2	− 2	− 5	− 6	− 5	− 5	− 5	− 6	− 4	− 3·4
27	− 3	− 3	− 3	− 3	− 3	− 2	− 2	− 1	− 1	0	0	0	− 1	1	2	1	1	1	1	− 2	− 3	− 5	− 7	− 7	− 1·7
28	− 7	− 6	− 4	− 3	− 1	1	1	3	3	2	0	− 1	− 1	0	1	1	2	2	3	0	3	− 5	− 4	− 2	− 0·5
29	− 1	− 1	1	2	2	3	4	4	4	5	8	6	7	5	5	6	6	5	4	3	3	1	0	− 1	3·4
30	− 1	− 1	0	− 2	− 2	− 1	1	3	5	4	4	6	7	7	8	8	6	6	7	6	5	6	5	4	3·8
31	4	3	3	3	4	4	4	4	5	5	6	6	7	8	8	8	8	8	6	7	4	4	4	2	5·2
Mean	−4·3	−4·4	−4·1	−4·3	−5·0	−4·5	−4·6	−4·5	−3·7	−3·2	−2·7	−2·5	−2·3	−2·5	−2·5	−2·1	−2·3	−2·5	−2·9	−3·0	−3·0	−3·8	−4·2	−4·2	− 3·5

TABLE 1. TEMPERATURE—HOURLY VALUES

November, 1911.

CAPE EVANS.

Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	3	4	5	5	5	1	2	5	2	4	4	7	3	5	6	7	6	4	4	3	1	1	2	2	3·8
2	2	3	2	2	5	5	5	7	7	6	11	11	11	11	11	11	11	12	13	13	13	13	12	12	3·5
3	12	13	14	13	16	16	18	19	21	20	21	21	18	19	18	18	20	19	18	18	16	18	16	10	17·2
4	12	11	13	9	9	9	10	10	11	10	10	11	11	12	13	14	14	16	17	14	14	15	16	15	12·5
5	13	13	13	14	11	12	14	15	16	16	17	16	17	18	23	25	24	25	18	19	18	16	15	14	16·8
6	12	12	7	7	8	9	8	8	10	11	11	12	14	14	13	13	13	13	14	14	14	13	11	11	11·4
7	8	8	8	1	3	2	4	6	4	6	6	7	6	6	5	4	5	6	6	6	6	5	5	8	5·5
8	8	9	9	10	8	8	11	22	26	26	24	23	23	23	26	22	22	22	22	23	22	22	21	21	18·9
9	21	22	21	21	22	20	17	16	19	20	20	20	22	23	24	24	22	20	19	19	15	16	11	10	19·4
10	9	9	10	14	10	9	9	10	13	13	12	10	10	11	11	10	10	9	8	8	8	8	7	7	9·8
11	6	6	6	5	5	5	6	7	9	8	9	9	9	10	10	10	12	11	11	11	10	10	9	9	8·5
12	9	8	8	9	8	9	10	10	13	14	15	16	15	15	15	15	14	14	13	13	12	12	12	12	12·2
13	11	11	10	10	10	11	11	12	14	13	14	14	15	16	15	14	12	11	11	11	11	11	10	10	12·0
14	10	10	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	11	11	11	10	9	10	10	9·8
15	10	8	8	7	8	9	8	9	10	12	14	14	14	14	14	15	15	14	13	13	12	11	11	10	11·4
16	10	10	7	6	6	6	8	9	9	9	7	5	7	7	6	8	7	5	8	7	7	8	8	6	7·4
17	− 1	− 2	− 1	− 2	− 2	− 2	− 2	− 2	0	2	5	7	8	8	8	8	9	9	9	9	9	8	7	8	4·2
18	9	9	10	5	3	4	5	7	8	8	10	11	12	11	10	13	13	13	14	13	13	12	10	9	9·7
19	10	11	10	7	6	7	8	9	11	11	11	11	12	13	13	13	13	12	13	13	13	11	10	11	10·8
20	11	11	12	13	11	12	9	10	11	12	13	13	14	15	15	15	16	15	15	14	14	14	15	14	13·1
21	10	13	15	14	9	11	10	11	12	12	13	15	15	15	15	14	14	12	14	15	14	12	11	10	12·8
22	8	7	6	7	7	8	9	8	9	10	9	10	9	9	9	10	10	10	10	10	10	9	8	8	8·8
23	7	7	8	8	7	8	9	11	10	11	13	17	18	12	12	13	13	14	13	13	14	14	12	13	11·6
24	11	9	10	10	11	11	11	11	15	16	14	14	15	17	17	16	16	16	15	15	15	15	14	14	13·7
25	12	14	14	14	14	16	14	14	14	14	15	15	15	16	16	20	20	20	18	17	18	15	16	15	15·7
26	15	16	13	12	13	11	10	15	15	17	17	18	20	20	19	19	19	20	18	18	19	16	17	18	16·5
27	17	15	16	14	14	15	15	16	15	15	16	15	17	18	17	17	16	16	16	19	18	17	17	16	16·2
28	18	16	16	18	17	16	18	19	19	19	20	20	21	21	21	21	20	21	21	21	20	19	19	19	19·2
29	19	19	18	18	17	17	16	17	18	19	20	19	20	20	20	21	21	20	20	18	19	17	16	16	18·5
30	15	14	15	15	16	17	16	18	18	18	19	20	19	19	17	16	15	15	15	15	13	11	9	11	15·7
Mean	10·6	10·6	10·4	9·8	9·5	9·7	9·9	11·2	12·3	12·8	13·2	13·7	14·0	14·3	14·3	14·5	14·4	14·2	13·9	13·8	13·3	12·6	11·9	11·6	12·4

TABLE 1. TEMPERATURE—HOURLY VALUES.

December, 1911.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	12	12	12	13	13	12	13	14	14	14	14	15	15	16	16	16	16	16	16	16	15	15	15	15	14·4
2	15	16	16	15	16	15	15	15	15	17	17	18	18	19	18	17	17	16	16	15	14	13	13	13	15·8
3	13	13	8	8	10	10	11	13	14	15	14	15	15	15	16	16	16	17	16	15	15	16	15	15	13·8
4	14	14	14	14	15	15	16	13	13	13	15	16	14	13	12	12	12	10	10	11	12	12	13	13	13·2
5	13	13	14	15	16	17	17	17	17	17	18	21	21	21	21	21	22	22	23	23	23	22	23	23	19·2
6	23	23	23	24	25	25	25	25	25	26	26	26	26	27	26	25	24	23	23	23	23	22	22	22	24·3
7	21	21	20	20	20	20	19	19	19	18	19	19	19	19	21	21	25	21	19	18	16	16	18	18	19·4
8	18	16	17	19	18	16	17	18	14	16	18	20	22	23	23	23	23	23	23	22	22	22	21	21	19·8
9	21	21	21	21	21	21	21	21	22	22	24	24	23	23	24	25	24	26	22	22	20	20	21	20	22·1
10	19	21	20	23	26	22	25	29	25	28	30	29	30	31	32	31	31	31	31	30	28	27	24	24	27·0
11	25	24	27	27	26	25	25	26	26	24	24	25	27	29	30	30	28	26	24	24	22	25	27	20	25·7
12	20	21	20	20	21	22	22	23	26	27	28	28	29	29	29	29	29	28	28	28	29	28	28	27	25·8
13	24	26	26	26	27	28	27	26	28	28	27	27	26	25	26	26	26	27	27	27	26	25	24	23	26·2
14	24	25	24	24	24	25	26	25	26	24	25	27	27	27	27	27	27	27	27	27	26	25	24	24	25·6
15	24	25	25	27	25	23	23	23	25	26	25	25	25	25	25	25	25	26	26	25	23	25	25	24	24·8
16	24	24	21	21	19	23	25	22	21	22	22	22	21	22	22	22	22	21	20	21	21	22	21	22	21·8
17	22	22	14	13	14	17	20	21	21	21	24	26	27	27	27	27	27	27	27	27	27	27	26	27	23·3
18	27	26	26	27	26	26	27	26	26	27	27	27	26	26	26	26	27	27	25	24	25	25	23	23	25·9
19	23	23	21	21	22	23	24	24	25	25	25	25	26	26	27	26	26	26	25	25	25	25	24	23	24·4
20	22	22	23	22	23	24	24	24	25	26	26	26	27	26	26	24	26	26	25	25	24	24	22	22	24·4
21	21	21	22	20	20	20	20	21	21	22	24	24	23	23	23	23	22	22	22	21	19	18	17	17	21·1
22	16	16	15	16	14	14	14	15	14	14	16	18	19	22	22	22	22	22	20	20	20	19	18	18	17·8
23	19	18	16	16	16	16	19	21	21	22	23	21	21	21	22	22	22	23	23	22	22	23	20	18	20·3
24	20	21	22	22	23	23	24	25	25	25	26	27	26	26	26	26	25	25	24	24	23	24	25	23	24·2
25	24	25	22	24	25	24	27	20	25	24	26	26	27	27	27	27	27	27	27	27	27	27	26	25	25·6
26	25	25	25	25	24	25	25	26	27	27	26	27	27	28	28	28	28	27	27	27	27	26	25	25	26·3
27	25	25	23	20	20	21	25	26	27	27	28	28	28	29	32	29	28	28	27	27	27	26	24	24	26·0
28	22	22	21	20	19	20	20	20	19	19	19	20	20	20	21	21	22	23	24	23	23	23	24	22	21·2
29	20	17	13	13	13	15	18	20	20	21	22	22	24	26	26	27	28	26	24	23	23	22	22	21	21·1
30	21	23	24	24	24	23	23	22	22	22	22	24	24	23	24	24	24	23	22	22	22	23	22	22	22·9
31	20	19	19	18	18	18	18	19	19	19	19	20	20	20	19	20	21	23	21	20	21	20	19	17	19·5
Mean	20·6	20·7	19·8	20·0	20·1	20·3	21·1	21·3	21·5	21·9	22·6	23·2	23·3	23·7	24·0	23·8	24·0	23·7	23·0	22·7	22·3	22·2	21·7	21·0	22·0

TABLE 1. TEMPERATURE—HOURLY VALUES.

JANUARY, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	16	17	17	17	18	18	18	19	19	18	19	20	20	20	19	19	18	17	17	16	15	15	13	13	17·4
2	12	11	10	10	10	10	10	11	12	12	13	14	14	14	15	16	16	16	17	17	17	17	17	17	13·7
3	17	18	17	17	18	18	19	20	20	21	21	21	22	22	22	22	25	24	24	24	23	24	23	23	21·1
4	21	21	22	22	23	24	23	23	25	25	26	26	27	28	29	29	29	28	28	27	28	27	26	26	25·6
5	26	26	25	25	23	23	25	25	26	28	28	29	29	28	27	27	26	26	26	25	25	25	24	24	25·9
6	23	21	20	18	20	21	23	25	23	24	25	26	27	26	27	27	27	28	28	26	23	19	17	16	23·4
7	14	14	17	18	20	20	18	16	18	20	22	23	25	22	22	22	21	21	19	16	16	15	14	15	18·7
8	13	12	11	11	13	14	16	14	16	17	18	18	19	20	21	22	23	23	23	23	23	23	24	24	18·4
9	20	19	21	23	19	20	21	22	24	24	24	22	18	18	16	16	17	17	17	17	17	16	15	14	19·1
10	13	14	13	12	12	13	14	14	15	17	19	16	19	20	20	20	21	21	22	22	22	20	20	19	17·4
11	16	17	16	15	15	15	15	17	18	17	20	21	23	23	22	22	21	22	22	21	22	22	20	20	19·3
12	20	21	19	20	19	18	19	20	21	20	19	21	22	22	22	23	23	23	23	23	23	21	18	16	20·7
13	16	14	14	14	14	15	18	19	20	16	19	20	22	20	18	18	20	20	19	18	18	18	18	17	17·7
14	16	16	16	17	17	18	17	18	20	19	19	19	19	20	20	20	19	20	20	20	20	19	20	20	18·7
15	20	19	19	19	19	19	20	22	23	22	21	23	25	26	26	28	28	27	27	27	27	28	27	25	23·7
16	25	24	25	26	25	24	23	24	26	27	28	27	26	25	24	24	24	23	24	23	21	21	24	27	24·6
17	20	21	23	25	8	10	16	16	16	18	22	24	23	24	26	27	29	28	21	18	15	14	13	12	19·6
18	12	12	11	10	10	11	10	10	10	11	11	12	12	12	13	13	17	18	19	20	18	16	16	15	13·3
19	16	16	16	16	18	16	16	16	18	19	20	20	21	22	22	23	23	24	23	22	22	22	22	21	19·8
20	22	21	20	20	19	18	20	20	20	21	22	23	23	24	23	25	24	24	26	25	25	26	25	24	22·5
21	23	22	15	15	16	18	20	20	21	22	25	24	24	25	25	24	25	24	23	23	23	23	24	24	22·0
22	17	17	18	16	19	17	19	20	17	17	18	17	16	16	15	16	15	15	15	16	17	19	20	19	17·2
23	19	20	18	16	16	16	16	15	15	19	20	21	24	22	25	26	23	23	25	24	23	22	22	21	20·5
24	21	22	21	19	20	20	23	21	20	20	22	25	28	27	27	26	26	25	22	20	19	19	22	23	22·4
25	23	23	21	21	22	22	19	20	20	20	22	22	20	22	19	21	22	22	22	20	22	21	20	20	21·1
26	18	17	18	20	17	15	26	23	24	25	26	26	26	27	28	29	30	30	31	33	35	34	32	32	25·9
27	32	32	31	31	30	31	31	31	31	31	31	31	31	31	31	30	33	33	34	36	36	36	36	37	32·4
28	39	27	25	25	24	24	29	29	31	30	32	32	29	31	30	29	29	28	27	26	25	24	22	21	27·9
29	21	22	22	23	21	22	25	22	21	20	19	22	24	25	24	22	23	23	24	24	26	26	22	21	22·7
30	21	21	20	21	20	20	23	25	24	25	26	25	25	25	25	23	25	23	24	24	25	26	25	25	23·6
31	25	25	25	25	22	22	22	24	24	25	27	26	26	27	27	27	27	27	27	26	26	25	24	24	25·2
Mean	19·9	19·4	19·0	18·9	18·3	18·5	19·8	20·0	20·6	21·0	22·1	22·5	22·9	23·0	22·9	23·1	23·5	23·3	23·2	22·7	22·5	22·0	21·5	21·1	21·3

TABLE I. TEMPERATURE—HOURLY VALUES.

FEBRUARY, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	24	27	23	22	20	20	20	21	23	24	25	25	26	26	26	26	25	26	26	27	27	26	22	19	24·0
2	18	19	19	19	19	19	20	21	20	21	22	22	22	20	19	18	18	18	19	19	19	20	20	18	19·6
3	19	18	18	19	19	19	19	19	19	18	19	20	19	20	21	21	21	19	20	21	22	22	20	19	19·7
4	20	20	18	19	19	17	19	21	21	22	21	21	22	21	23	21	22	22	24	22	21	22	22	23	21·0
5	20	20	21	21	21	22	21	25	25	25	26	26	25	19	16	15	17	18	18	18	17	18	17	16	20·3
6	17	18	17	17	17	17	16	14	16	16	16	16	17	17	21	20	20	19	18	15	15	15	13	15	16·7
7	17	15	18	17	16	16	13	14	15	18	23	20	19	20	19	19	19	20	19	20	19	19	17	17	17·7
8	19	20	18	21	21	19	24	23	24	23	22	23	23	23	23	20	19	19	18	18	18	17	17	15	20·2
9	14	13	13	13	13	14	14	15	14	15	15	16	17	18	18	18	18	19	19	20	19	19	16	15	16·1
10	15	16	13	13	16	16	19	22	23	23	24	25	25	25	24	25	25	25	25	25	25	24	24	21	21·6
11	20	19	18	19	18	18	17	18	17	17	18	17	16	12	11	15	16	18	18	14	16	12	12	11	16·2
12	11	8	8	7	7	10	12	13	15	17	18	18	18	18	19	20	20	20	19	19	20	21	21	21	15·9
13	21	20	19	20	20	21	18	19	20	18	21	22	23	25	25	24	22	21	22	22	22	24	24	24	21·6
14	23	23	24	23	23	22	19	20	20	19	20	21	21	22	23	26	26	26	26	26	23	22	23	22	22·7
15	22	22	22	21	24	25	24	24	24	25	25	26	26	24	25	21	19	18	17	15	13	12	10	10	20·6
16	10	10	10	10	11	11	11	12	13	13	13	13	12	12	12	12	12	12	10	10	9	9	10	10	11·2
17	9	9	8	9	9	9	9	9	9	9	9	9	8	9	9	9	9	10	10	10	11	10	11	11	9·4
18	10	9	9	10	9	9	10	10	9	9	11	10	9	9	9	9	9	8	7	5	7	6	8	4	8·6
19	3	3	1	2	1	1	3	3	2	2	2	3	2	2	3	3	3	3	3	3	2	2	2	2	2·4
20	2	2	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	1·0
21	2	2	2	2	2	2	2	1	2	2	3	3	2	2	3	3	4	4	4	5	4	5	5	5	3·0
22	5	4	4	5	5	6	7	7	8	7	7	7	8	8	9	11	12	11	11	10	10	10	9	10	8·0
23	8	8	8	7	7	7	8	8	7	6	6	7	8	9	9	9	8	8	9	8	7	8	9	5	7·7
24	3	7	6	7	6	8	10	15	14	11	10	12	10	10	9	9	7	5	3	2	1	1	0	0	6·9
25	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	0	0	0	0	0	−1	−1	−1	−2	0	3	−0·4
26	4	4	4	4	5	5	4	3	3	1	1	1	1	1	2	3	4	4	5	6	6	8	8	9	4·0
27	10	8	10	10	6	5	8	11	11	10	10	9	8	10	10	9	9	9	8	10	8	8	7	6	8·8
28	4	3	2	3	2	2	1	−2	−3	−2	−2	−1	−1	0	1	2	3	4	7	8	9	9	9	7	2·7
29	4	3	2	2	3	2	4	6	7	8	9	10	10	10	11	11	11	11	12	12	12	12	12	12	8·2
Mean	12·2	12·1	11·6	11·8	11·7	11·8	12·2	12·8	13·1	13·1	13·6	13·9	13·7	13·5	13·8	13·8	13·7	13·6	13·6	13·4	13·2	13·2	12·8	12·2	12·9

TABLE I. TEMPERATURE—HOURLY VALUES.

March, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	12	12	12	11	10	10	11	11	11	12	13	13	13	12	13	14	14	14	14	16	16	9	9	9	12·2
2	6	6	4	5	4	5	4	2	4	5	5	4	4	2	2	2	3	3	2	3	3	3	4	5	3·8
3	6	6	6	7	7	7	8	5	7	8	8	8	6	6	5	7	6	6	3	3	2	2	2	4	5·7
4	5	5	4	5	2	2	3	4	5	6	7	8	8	9	9	9	8	8	8	9	10	9	7	6	6·5
5	6	4	6	3	4	4	4	4	4	6	6	6	6	5	5	6	5	4	4	3	3	2	4	6	4·6
6	5	5	3	0	2	0	0	2	3	5	6	9	10	8	8	8	9	8	8	7	7	5	6	6	5·4
7	6	6	7	9	6	9	8	6	6	6	8	5	7	10	9	9	9	10	9	9	9	8	8	6	7·7
8	9	7	6	2	2	2	3	2	1	− 1	0	2	4	3	1	2	2	1	2	1	0	− 1	− 1	1	2·1
9	1	1	1	1	1	1	1	0	0	− 2	− 3	− 4	− 3	− 3	− 4	− 3	− 2	− 1	− 2	− 2	− 1	− 2	− 3	− 3	− 1·3
10	− 3	− 2	− 2	1	1	2	2	2	3	3	4	4	5	4	4	5	6	4	2	3	3	4	4	4	2·7
11	5	4	5	4	2	1	− 2	− 4	− 5	− 6	− 2	− 4	− 7	− 8	− 8	− 8	− 8	− 6	− 8	− 8	−10	−10	− 7	− 5	− 4·0
12	− 5	− 4	− 4	− 5	− 6	− 4	− 1	0	− 2	0	0	2	4	5	5	2	− 4	− 6	− 8	−10	−11	−10	− 8	− 7	− 3·2
13	− 7	− 5	− 5	− 4	− 3	− 4	− 2	− 2	− 1	− 1	− 1	− 3	− 2	− 2	− 1	1	2	− 3	− 3	− 4	− 4	− 5	− 4	− 3	− 3·0
14	7	8	5	3	− 4	− 3	− 4	− 4	− 1	1	4	4	4	2	2	3	3	3	3	4	5	4	4	4	0·5
15	4	5	5	2	− 1	0	0	1	1	− 1	− 2	− 4	− 8	−10	8	− 9	− 9	− 8	− 9	− 8	− 8	− 6	− 4	− 4	3·6
16	− 4	− 4	− 6	− 4	− 3	− 3	− 5	− 8	− 8	− 8	− 9	− 9	−10	− 9	− 9	−10	−10	−10	−10	− 9	− 9	− 9	− 9	− 8	− 7·7
17	− 8	− 8	− 7	− 4	5	− 6	− 5	8	− 8	− 8	− 8	− 8	− 7	− 9	− 8	− 8	− 8	− 7	− 7	− 6	− 6	− 4	− 4	− 5	− 6·8
18	− 5	− 6	− 5	− 6	− 4	− 6	− 5	5	− 6	− 5	− 4	− 3	− 2	− 1	− 2	− 3	− 4	− 4	− 6	− 6	− 9	−12	−12	− 3	− 5·2
19	− 3	− 7	− 8	− 8	−10	−14	−11	−12	−11	− 9	− 7	− 6	− 7	− 9	10	− 8	− 8	− 9	− 8	− 6	− 6	− 5	− 5	− 4	− 8·0
20	− 4	− 4	− 4	− 3	− 3	− 4	− 4	− 4	− 6	− 4	− 3	− 3	− 2	− 2	− 2	− 1	− 1	1	0	0	− 2	− 3	− 3	− 4	− 2·7
21	− 3	− 2	− 2	− 4	0	1	1	− 1	0	0	0	1	2	2	2	2	2	4	5	8	8	7	8	9	2·1
22	10	9	3	0	− 2	− 6	− 8	− 1	2	2	2	1	1	0	0	1	3	5	6	8	8	8	8	8	2·9
23	8	8	8	9	9	6	6	6	8	8	9	9	9	9	9	9	9	9	6	4	5	6	9	7	7·7
24	6	5	5	7	9	11	12	11	12	10	10	12	12	11	13	16	18	17	16	14	14	14	14	14	11·8
25	15	18	15	14	13	13	14	12	12	10	10	11	12	12	13	6	2	3	1	1	6	4	3	4	9·4
26	4	4	2	2	3	3	4	4	4	4	3	3	2	2	2	2	2	3	3	4	5	6	6	7	8·5
27	7	8	9	10	10	11	11	12	12	14	12	12	16	16	15	15	12	11	12	11	12	12	13	12	11·9
28	12	10	8	9	8	8	8	12	13	14	12	11	9	10	11	13	12	12	12	13	13	13	12	12	11·2
29	11	11	11	12	12	11	11	12	10	10	10	10	11	10	10	9	9	10	9	8	8	9	8	10	11·1
30	8	8	8	6	7	8	7	6	7	7	7	6	8	8	9	9	9	6	3	4	3	3	3	2	6·4
31	3	0	− 1	0	2	1	− 1	− 4	− 1	− 1	− 3	− 4	− 3	− 3	− 3	− 4	− 4	− 5	− 5	− 5	− 5	− 6	− 8	− 6	− 2·8
Mean	3·2	3·0	2·6	2·4	2·4	2·1	2·3	2·0	2·5	2·8	3·0	3·0	3·3	2·9	3·0	3·0	2·7	2·7	2·0	2·2	2·2	1·8	2·1	2·7	2·6

TABLE 1. TEMPERATURE—HOURLY VALUES.

April, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	− 6	− 8	− 8	− 7	− 6	− 8	− 8	− 8	− 7	− 7	− 7	− 8	− 8	− 9	− 8	− 9	− 9	− 9	− 9	− 8	− 7	− 6	− 5	− 5	− 7·5
2	− 5	− 4	− 3	− 3	− 6	− 3	− 3	− 3	− 6	− 6	− 4	− 4	− 4	− 6	− 8	− 8	− 7	− 6	− 8	−11	−10	− 9	− 9	−11	− 6·1
3	− 9	− 9	− 8	− 8	− 8	− 9	− 8	− 9	−10	− 8	− 9	− 9	− 9	− 8	− 9	−10	−10	−11	−12	−11	−10	−11	−10	−12	− 9·5
4	−11	−10	− 9	− 8	− 9	− 8	− 8	− 7	− 9	−11	−10	− 9	−10	− 9	−10	− 9	− 9	− 9	− 9	− 6	− 6	− 6	− 8	− 7	− 8·7
5	− 5	− 3	− 7	− 8	− 5	− 6	− 5	− 5	− 5	− 5	− 3	− 2	− 5	− 5	− 6	− 7	− 7	− 6	− 8	− 8	− 6	− 7	− 8	− 7	− 5·9
6	− 7	− 8	− 8	−11	−10	− 9	− 7	− 5	− 6	− 6	− 6	− 4	− 3	− 3	− 1	− 1	− 2	− 7	− 6	− 8	−14	− 8	− 8	− 8	− 6·5
7	− 7	− 3	− 3	− 3	− 4	− 4	− 6	− 7	−11	−11	− 8	−10	−11	−11	−12	−11	− 6	− 7	− 8	− 7	− 9	− 7	− 6	− 4	− 7·4
8	3	6	8	10	8	1	2	4	3	5	6	8	7	8	8	8	7	8	9	9	8	8	9	10	6·8
9	9	11	14	16	17	13	10	10	10	9	11	12	12	10	9	8	8	9	11	14	14	16	16	15	11·9
10	11	10	11	12	17	15	15	13	10	8	8	7	8	8	8	8	2	3	6	6	4	1	3	3	8·2
11	− 1	− 1	0	− 2	− 3	− 6	− 4	− 3	− 3	− 4	0	1	− 1	− 1	− 1	2	3	2	0	4	3	− 2	3	2	− 0·5
12	2	2	2	2	0	− 2	− 2	− 2	− 2	− 2	− 2	0	0	0	0	− 2	− 4	− 4	− 6	− 5	− 5	− 5	− 5	− 4	− 1·9
13	− 6	−10	−12	−12	−13	−14	−15	−13	−10	− 8	− 8	−12	− 8	− 8	− 7	− 7	−12	−11	−12	−11	−12	−12	− 9	− 9	−10·5
14	−16	−18	−15	−16	−16	−16	−16	−18	−17	−19	−19	−20	−19	−16	−16	−17	−17	−16	−17	−17	−17	−16	−16	−16	−16·9
15	−16	−15	−16	−16	−15	−15	−15	−15	−14	−14	−13	−12	−11	−11	−12	−12	−12	−10	−14	−11	−12	−13	−13	−14	−13·4
16	−14	−12	−12	−15	−13	−12	−12	−13	−12	−11	−12	−14	−12	−14	−10	−10	−13	−15	−16	−14	−16	−17	−16	−14	−13·3
17	−13	−12	−12	−12	−13	−14	−13	−14	−12	−12	−10	−11	−11	−13	−15	−17	−13	−13	−16	−17	−13	−15	−14	−14	−13·3
18	−15	−16	−16	−17	−12	−12	−14	−16	−17	−15	− 9	−11	−11	−12	−11	−11	−15	−18	−18	−19	−18	−13	−16	−15	−14·5
19	−14	−13	−12	−10	−17	−19	−12	−12	−15	−12	−14	−12	−12	−10	− 7	− 6	− 5	− 3	− 2	− 1	− 1	− 1	2	2	− 8·6
20	3	4	4	4	4	6	6	6	9	10	11	12	12	14	13	15	12	14	13	11	9	12	10	11	9·4
21	10	10	8	8	8	4	5	3	4	3	4	4	4	5	5	6	5	6	4	2	3	1	− 3	− 3	4·4
22	− 3	− 2	− 3	− 5	− 6	− 7	− 7	−10	− 7	− 7	−10	−11	−10	−11	−11	−12	−12	−12	−10	− 8	− 7	− 5	− 7	− 8	− 8·0
23	− 9	−10	−13	−11	−11	−12	−11	−13	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	−13·1
24	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	*−14*	−16	−20	−19	−17	−16	−16	−16	−15	−15	−14	−15	−14	−15	−15	−15	−16	−15·3
25	−17	−17	−16	−15	−14	−14	−14	−14	−14	−14	−14	−18	−19	−18	−18	−17	−16	−16	−15	−15	−15	−19	−21	−20	−16·3
26	−15	−15	−14	−15	−16	−16	−16	−16	−17	−16	−15	−15	−15	−16	−15	−14	−14	−12	−11	−12	−11	−10	−10	−10	−14·0
27	− 8	−12	−11	−14	−18	−21	−22	−22	−22	−22	−23	−21	−20	−20	−20	−18	−17	−17	−18	−19	−20	−19	−20	−20	−13·5
28	−20	−18	−18	−20	−19	−23	−25	−25	−22	−22	−21	−20	−20	−22	−22	−22	−19	−18	−18	−18	−17	−16	−15	−12	−19·7
29	−12	−14	−13	−11	−11	−13	−16	−18	−18	−17	−18	−18	−19	−14	−15	−16	−14	−14	−14	−16	−14	−15	−15	−13	−14·9
30	−13	−13	−12	−12	−13	−14	−17	−18	−19	−18	−18	−18	−16	−16	−23	−24	−20	−20	−20	−21	−22	−22	−22	−22	−18·1
Mean	−7·3	−7·1	−6·9	−7·1	−7·3	−8·4	−8·4	−8·8	−9·0	−8·9	−8·2	−8·2	−8·0	−7·9	−8·1	−8·1	−8·2	−8·0	−8·4	−8·2	−8·3	−8·2	−8·1	−7·8	− 8·0

TABLE 1. TEMPERATURE—HOURLY VALUES.

MAY, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	−24	−24	−22	−21	−20	−20	−18	−18	−17	−17	−16	−16	−15	−11	−14	− 9	− 7	− 7	− 7	− 7	− 4	− 2	− 5	− 4	−13·6
2	− 2	− 2	− 5	− 6	− 4	− 5	− 6	− 3	− 3	− 3	− 2	− 1	− 1	0	0	0	− 2	− 2	− 1	− 1	− 5	− 1	0	0	− 2·3
3	− 1	0	1	2	3	3	1	3	6	7	6	7	9	10	8	9	8	8	8	8	10	10	11	6	6·0
4	7	7	7	5	3	3	1	0	− 1	− 1	− 3	− 3	− 1	0	1	2	4	5	6	7	7	8	9	9	3·4
5	8	10	10	11	12	13	13	12	11	10	10	8	6	6	7	7	7	7	7	7	7	7	7	7	8·8
6	7	7	7	6	8	7	6	7	5	4	7	8	6	4	0	2	− 1	− 2	3	4	10	10	11	12	5·8
7	11	9	6	10	8	5	0	− 4	− 3	− 3	− 4	− 4	− 1	3	− 1	− 4	− 3	0	− 3	− 5	− 3	− 4	7	− 2	0·7
8	− 2	6	2	− 3	− 2	0	0	2	7	− 3	− 6	− 6	− 3	− 5	− 8	− 9	− 6	− 5	− 4	− 2	− 1	− 1	− 1	− 5	− 2·3
9	− 4	− 2	− 4	− 8	− 9	− 6	− 8	−13	−12	−12	−11	−10	− 9	−10	− 9	−10	− 8	− 7	− 6	− 6	− 6	− 6	− 6	− 7	− 7·9
10	− 8	− 8	− 9	−12	−15	−16	−16	−16	−15	−16	−14	−14	−12	−10	−12	−14	−13	−10	−14	−14	−17	−19	−19	−18	−13·8
11	−18	−18	−19	−18	−18	−20	−18	−21	−17	− 1	− 5	−10	−11	−11	− 9	− 9	−10	− 7	− 8	− 8	− 8	− 6	− 8	− 3	−11·7
12	− 7	− 8	−12	− 8	− 8	− 8	− 9	− 1	1	1	4	4	4	3	3	2	0	− 1	− 6	− 3	− 3	− 9	−12	− 7	− 0·4
13	− 4	− 4	− 6	− 3	− 5	− 6	− 8	− 6	− 8	− 7	− 4	− 2	− 1	− 1	− 3	− 6	− 8	−11	−12	−12	−12	− 6	− 4	0	− 5·8
14	2	0	7	6	5	7	7	6	6	8	9	9	9	10	8	7	5	3	3	3	3	3	3	2	5·5
15	2	3	2	2	2	2	2	2	0	2	3	3	1	0	− 1	− 4	− 3	− 5	− 5	− 4	− 1	4	5	− 3	0·4
16	3	3	2	1	0	− 4	− 7	− 7	− 4	− 8	− 8	− 6	− 5	− 6	− 2	2	1	0	0	0	1	2	0	0	− 1·8
17	− 2	− 2	− 5	− 6	− 6	− 6	− 7	−11	− 8	− 1	− 2	− 3	− 3	− 2	− 3	− 3	− 5	− 6	− 5	− 5	−10	−10	−10	− 7	− 5·4
18	−10	−12	−15	−13	−13	−10	−11	− 9	− 7	− 7	− 7	− 6	− 6	− 6	− 6	− 7	− 7	− 8	− 9	− 8	− 8	− 9	−10	− 9	− 8·9
19	−13	−16	−17	−16	−19	−21	−22	−30	−29	−30	−28	−30	−29	−28	−28	−27	−25	−24	−25	−24	−23	−24	−23	−21	−23·9
20	−18	−18	−16	−17	−17	−18	−21	−25	−26	−25	−25	−24	−22	−25	−26	−26	−28	−26	−25	−24	−22	−20	−21	−21	−22·4
21	−24	−23	−24	−23	−22	−24	−23	−27	−26	−24	−24	−25	−27	−27	−28	−28	−30	−30	−30	−30	−30	−29	−29	−27	−26·4
22	−26	−24	−23	−23	−23	−22	−22	−22	−24	−23	−21	−20	−22	−22	−21	−22	−21	−20	−21	−22	−22	−23	−22	−20	−22·2
23	−20	−20	−20	−19	−19	−18	−18	−18	−18	−18	−18	−18	−18	−18	−15	−17	−14	−12	−11	−10	−10	−11	−14	−12	−16·1
24	−11	−11	−11	−13	−13	−13	−13	−13	−13	− 8	− 6	− 5	− 4	− 2	− 8	−12	− 8	− 2	1	−12	− 6	−18	−16	−10	− 9·5
25	− 9	− 8	−16	−20	−20	−16	−12	−20	−24	−22	−21	−21	−19	16	−15	−12	−14	−16	−13	−14	−15	− 9	−10	−12	−15·6
26	−12	− 9	−14	−14	−10	−10	− 7	− 6	− 4	− 4	−12	− 8	− 8	− 8	−19	−19	−15	−17	−17	−19	−18	−19	−19	−18	−12·8
27	−18	−18	−19	−14	−12	− 9	− 5	− 2	1	0	0	0	0	− 1	− 1	− 1	0	2	2	3	4	5	5	3	− 3·2
28	2	2	1	0	− 1	− 2	− 1	0	1	1	1	2	1	1	2	2	0	0	− 1	− 4	0	0	0	0	0·3
29	− 7	− 7	− 6	− 6	− 7	− 6	− 8	− 8	−13	−11	−12	−13	−13	−11	−10	−10	−13	−12	−12	−10	− 5	− 5	− 6	− 6	− 9·1
30	6	− 6	− 8	− 9	− 9	− 8	− 8	− 8	− 7	− 7	− 7	− 7	− 8	− 8	−17	−17	−16	−10	− 9	−10	−13	−12	−12	−14	− 9·9
31	−11	−18	−21	−22	−22	−23	−23	−24	−21	−25	−26	−25	−26	−23	−19	−16	−16	−16	−15	−15	−11	− 8	− 7	− 8	−18·7
Mean	−7·0	−6·8	−8·0	−8·1	−8·2	−8·1	−8·4	−9·0	−8·6	−7·9	7·8	−7·6	−7·4	−6·9	−8·0	−8·0	−8·0	−7·5	−7·4	−7·7	−6·8	−6·5	−6·3	−6·3	− 7·6

TABLE I. TEMPERATURE—HOURLY VALUES.

JUNE, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	− 7	− 7	− 8	− 8	8	− 8	−12	−13	−15	−18	−19	−20	−21	−20	−18	−17	−24	−25	−25	−24	−21	−16	−23	−24	−16·7
2	−25	−25	−20	−19	−26	−28	−26	−23	−26	−25	−26	−26	−26	−25	−26	−24	−25	−24	−23	−22	−21	−20	−22	−23	−24·0
3	−23	−25	−28	−28	−26	−25	−25	−22	−23	−22	−21	−18	−20	−22	−26	−27	−26	−25	−24	−24	−28	−27	−25	−25	−24·4
4	−27	−29	−26	−20	−19	−17	−17	−19	−20	−20	−22	−23	−20	−20	−21	−21	−24	−24	−24	−24	−25	−25	−28	−28	−22·7
5	−28	−24	−27	−25	−26	−21	−24	−27	−27	−28	−27	−28	−26	−29	−30	−31	−27	−25	−25	−26	−30	−32	−31	−32	−27·4
6	−32	−32	−32	−31	−28	−28	−26	−28	−31	−31	−32	−33	−33	−33	−32	−30	−26	−27	−27	−26	−26	−25	−25	−24	−29·1
7	−27	−22	−22	−21	−20	−20	−19	−23	−25	−29	−29	−31	−31	−32	−32	−32	−31	−29	−32	−35	−30	−30	−29	−27	−27·4
8	−26	−23	−22	−22	−23	−21	−22	−21	−24	−22	−21	−19	−16	−15	−14	−12	−12	−11	−10	−10	−10	−8	−8	−7	−16·7
9	− 7	− 6	− 6	− 5	− 5	− 4	− 3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	1·0
10	4	4	2	2	0	− 4	− 6	− 7	− 8	− 7	− 7	− 9	− 8	− 6	− 7	− 8	− 9	9	9	− 8	− 7	− 6	− 5	− 5	− 5·2
11	− 4	− 2	− 2	0	0	2	3	5	5	5	6	6	8	9	9	8	8	8	8	8	9	10	10	8	5·3
12	7	6	5	6	9	10	11	11	13	13	14	14	15	17	16	16	15	15	15	14	14	9	9	8	11·8
13	9	10	11	12	14	15	16	16	17	17	17	17	17	17	17	17	16	15	13	8	6	5	6	6	13·1
14	8	9	10	10	10	10	10	11	12	12	12	12	9	7	6	10	13	14	14	14	15	14	10	0	10·5
15	− 4	− 4	− 3	− 2	− 1	0	0	1	1	2	4	5	6	6	6	7	6	4	4	10	13	13	13	4	3·5
16	− 2	4	− 3	2	− 3	− 4	− 6	− 6	−10	− 9	−10	− 9	− 8	− 8	− 7	− 8	− 7	− 5	− 6	− 8	− 8	− 8	− 6	− 5	− 5·9
17	− 4	− 7	− 6	− 4	− 6	− 1	− 7	− 6	− 8	−10	−10	− 9	− 8	− 7	− 6	− 8	− 9	− 8	− 6	− 5	− 7	14	−15	−14	− 7·7
18	−13	−14	−11	−10	−10	− 6	− 8	−15	− 5	− 4	− 4	− 4	− 4	− 4	− 6	− 9	− 8	− 5	− 4	− 4	− 4	5	− 7	− 6	− 7·1
19	− 2	1	1	1	1	0	0	− 2	− 2	− 4	− 7	− 9	− 9	−10	−12	−12	−12	−14	14	−14	14	15	−14	−13	− 7·3
20	−13	−13	−11	−12	− 9	− 8	− 8	− 8	− 8	− 9	− 9	−10	−10	− 9	−10	−10	−10	− 9	− 9	− 9	−10	−12	−12	−12	−10·0
21	−13	−12	−13	−12	−13	13	12	−12	−11	−10	− 9	− 8	8	− 6	− 6	− 6	− 7	− 6	−10	−16	−15	−18	−17	−18	−11·3
22	−18	−13	−13	−15	−14	−20	−24	−26	−22	−14	−14	−16	−16	18	18	−19	−19	−19	−17	−16	−15	14	−13	−12	−16·9
23	−11	−10	− 9	− 9	− 9	− 9	− 9	− 6	− 5	− 7	− 7	− 7	− 6	− 6	− 6	− 6	− 6	− 8	− 6	− 6	− 6	− 6	− 7	− 6	− 7·2
24	− 6	− 6	− 7	− 6	− 5	− 4	− 2	− 2	− 2	− 2	− 4	−10	−12	−12	13	−13	−13	−13	−11	−10	−10	10	−10	− 9	− 8·0
25	− 8	− 9	− 6	− 6	− 7	− 8	− 6	− 5	− 6	− 8	− 9	−12	− 8	11	11	− 8	−11	−12	−11	−13	−18	14	11	11	− 9·6
26	−10	−10	− 9	− 9	− 7	− 7	− 7	− 5	− 4	− 7	− 5	− 3	− 7	− 7	− 6	− 4	− 4	− 2	0	1	2	1	− 5	− 3	− 4·9
27	− 3	− 2	− 3	− 4	− 4	− 4	− 5	− 6	− 8	− 7	− 7	− 6	− 6	− 6	− 8	− 8	− 8	− 8	− 8	− 7	− 7	− 8	− 7	− 7	− 6·1
28	− 6	− 6	− 6	− 9	− 9	− 7	− 3	− 5	− 4	−10	− 9	−10	−14	−15	−16	−18	−18	−16	−14	− 5	−11	−13	−11	−11	−10·3
29	−14	−14	−10	− 2	0	0	− 1	− 2	− 5	− 9	− 9	7	− 8	8	− 9	− 6	− 5	− 5	− 5	− 6	− 6	− 8	−11	−12	− 6·8
30	−13	−13	− 8	− 8	− 6	− 5	− 3	− 4	− 3	− 4	− 5	− 6	− 6	− 6	6	9	−11	−14	−14	−12	−16	−10	− 9	− 8	− 8·3
Mean	−10·6	−9·8	−9·4	−8·5	−8·3	−7·8	−8·0	−8·2	−8·4	−8·8	−8·9	−9·2	−9·1	−9·2	−9·5	−9·5	−9·7	−9·4	−9·2	−9·0	−9·4	−9·6	−10·0	−10·7	−9·2

TABLE 1. TEMPERATURE—HOURLY VALUES.

July, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	− 6	9	− 3	− 2	− 2	− 2	− 1	− 1	1	1	0	0	1	3	4	4	5	7	8	8	8	8	8	8	2·0
2	7	7	6	1	5	6	6	6	− 7	−10	7	− 3	− 3	− 6	− 7	− 7	− 6	− 2	2	0	− 2	− 1	− 1	− 1	2·7
3	0	0	1	3	3	3	4	5	11	13	14	14	15	14	14	14	15	2	0	− 2	− 1	0	− 1	0	5·9
4	0	1	− 2	− 5	− 6	− 6	− 6	− 4	− 2	1	2	4	5	7	8	9	10	11	12	12	13	14	14	14	4·4
5	13	12	12	10	9	10	10	11	10	14	14	15	15	16	15	13	13	14	13	12	14	13	12	12	12·6
6	12	12	12	13	13	13	14	14	13	13	12	12	12	13	13	14	14	13	13	13	13	13	13	13	12·9
7	13	13	12	12	11	11	11	11	5	6	6	6	6	6	7	8	8	7	7	7	6	3	1	− 1	7·6
8	0	1	2	3	4	3	2	2	8	10	11	12	12	12	10	10	9	9	9	10	9	10	7	8	7·2
9	6	7	8	9	9	8	9	6	4	5	2	4	4	5	5	4	5	6	8	8	5	2	5	9	6·0
10	8	5	4	0	8	1	4	0	2	2	0	0	0	0	− 1	− 1	2	3	5	10	12	12	11	10	4·1
11	8	8	3	2	2	1	1	1	− 1	− 1	2	5	− 2	− 3	− 1	− 1	2	3	0	4	4	4	2	1	1·9
12	1	2	2	1	0	0	3	3	0	0	− 1	0	0	− 1	0	0	1	2	− 1	− 3	− 4	− 5	− 1	0	− 1·1
13	3	5	4	2	1	− 1	1	8	10	−10	8	− 5	− 3	− 2	− 2	− 4	− 8	− 6	− 7	−12	−15	−15	−14	−14	− 6·7
14	−17	−19	16	14	−14	−14	15	15	−12	−12	−11	−10	− 8	− 8	−10	−10	− 9	−10	−19	−19	−19	−10	−14	−19	−13·5
15	−20	−20	−20	20	−17	−18	−17	−12	− 9	−10	−13	−12	−11	−12	−12	−14	−18	−21	−25	−27	−23	−17	−13	−12	16·4
16	−10	− 9	− 8	7	− 6	− 7	− 6	− 6	− 6	− 5	− 9	−15	−18	−14	−12	18	−19	−18	−16	−21	−16	−12	−11	−12	11·7
17	16	10	10	10	−10	−10	10	9	−10	−14	−15	− 14	− 18	−16	−22	19	−15	−15	−17	−18	−21	− 25	− 25	−23	− 15·5
18	−22	−24	−24	−26	−25	−26	−26	−26	−25	−24	−25	−25	−25	−26	−25	−23	−23	−23	−20	−23	−22	−23	−25	−25	−24·2
19	−22	−28	−31	−32	−30	−29	−29	−30	−28	−29	−29	−27	−26	−26	−26	−25	−25	−25	−26	−26	28	28	− 28	−29	27·6
20	22	18	16	18	−18	−16	22	22	26	−24	16	− 18	−19	−27	−23	−30	−27	−27	−25	−27	26	−24	23	22	−22·4
21	23	23	26	26	−26	−28	− 30	−29	−27	33	− 29	30	−31	− 30	−34	−34	−29	24	−28	−27	−27	− 20	20	− 20	27·3
22	20	18	21	20	−20	21	20	14	−12	−12	− 12	7	9	12	−16	−22	−22	−20	14	−11	−12	13	−11	− 4	− 15·2
23	2	2	4	3	4	8	− 8	8	−10	− 9	10	6	− 6	− 4	3	− 3	− 3	−12	15	−15	−10	9	9	12	7·3
24	− 8	− 1	− 2	− 3	2	− 1	− 1	0	− 2	− 1	− 3	− 4	− 3	− 3	− 3	− 3	− 3	− 4	5	− 5	5	5	4	− 7	3·3
25	− 7	−17	−12	11	14	22	27	23	−11	8	6	8	−14	−19	−25	−24	−24	−33	−34	−32	−30	−31	−29	−28	20·4
26	25	19	18	19	19	−24	−25	−26	−29	−30	−28	−28	−27	−26	−24	24	−24	− 24	− 24	22	−20	16	−13	−10	− 22·7
27	8	7	2	2	− 3	− 10	−12	13	−14	−15	13	− 12	−10	− 7	− 3	0	2	4	7	7	9	11	11	9	2·8
28	5	5	7	7	7	7	5	5	1	0	− 3	− 3	− 6	− 3	0	2	3	4	− 2	2	0	− 2	− 10	−12	0·8
29	13	−16	−17	18	−11	9	− 8	7	−11	−13	−12	− 5	0	2	4	4	5	7	6	6	6	7	9	9	3·5
30	11	12	7	7	4	2	0	− 2	− 6	− 7	6	− 4	− 5	− 6	− 2	− 2	− 1	0	− 2	0	0	0	1	2	0·2
31	1	4	6	6	5	6	6	5	5	5	4	3	4	5	4	4	0	3	0	2	1	1	0	2	3·4
Mean	−5·3	5·2	−5·1	−5·2	−5·1	6·2	−6·7	6·6	−6·4	− 6·4	−6·1	−5·2	−5·5	−5·4	−5·7	−5·8	−5·2	5·5	− 6·1	−6·1	−5·9	−5·1	−5·1	−5·0	− 5·7

TABLE I. TEMPERATURE—HOURLY VALUES.

August, 1912.

CAPE EVANS. Fahrenheit degrees.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Day.																									
1	0	1	4	7	7	10	10	8	7	7	6	6	3	1	4	3	3	1	3	3	4	5	2	1	4·6
2	− 2	− 1	0	− 5	− 5	− 5	− 6	− 7	− 9	−12	−13	−16	−16	−13	−12	−13	−12	−11	− 9	− 8	−10	− 5	− 4	− 7	− 8·4
3	−10	− 6	− 5	− 4	− 3	− 5	− 3	− 3	− 2	− 3	− 4	−13	−16	−10	− 6	− 6	− 5	− 6	− 6	− 8	9	− 8	− 1	− 2	− 6·0
4	− 2	0	− 4	− 2	− 4	− 3	− 3	3	0	2	2	0	0	− 4	− 3	− 4	− 4	− 2	1	0	0	0	0	− 1	− 1·2
5	0	0	0	0	1	0	1	0	4	4	4	4	5	6	6	6	7	7	8	9	9	10	11	11	4·7
6	12	12	12	13	12	12	12	11	11	10	10	10	9	10	10	11	10	9	9	9	9	10	12	12	10·7
7	13	14	14	14	15	15	15	15	17	18	18	18	18	17	17	17	17	18	18	15	13	12	12	11	15·5
8	9	9	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	8	6·9
9	9	9	9	9	9	9	9	9	8	8	8	7	7	5	2	1	0	− 1	− 3	− 3	0	0	1	2	4·8
10	1	− 3	− 5	− 8	− 7	− 3	1	3	0	1	0	0	1	− 2	− 2	− 4	− 3	− 2	− 1	− 2	0	2	4	5	− 1·0
11	5	6	7	6	6	6	6	3	1	3	2	0	2	3	2	1	0	0	0	0	− 1	− 3	− 5	− 7	1·8
12	−10	−11	−11	−11	−11	−13	−13	−14	−14	−14	−14	−14	−14	− 2	2	4	5	4	4	5	5	6	5	4	− 5·1
13	5	5	5	5	4	3	2	− 4	− 7	− 3	2	0	2	1	2	− 1	− 3	− 1	0	1	0	− 1	− 1	3	0·8
14	4	0	0	2	4	5	5	6	10	10	10	10	11	12	12	13	13	12	13	14	15	15	15	14	9·4
15	14	14	13	14	14	14	13	12	14	11	9	2	2	2	2	1	0	0	− 1	− 4	− 2	5	10	11	7·1
16	12	10	10	8	6	4	5	11	12	13	13	11	9	6	4	2	1	− 1	− 3	− 6	− 8	− 4	− 4	− 5	4·4
17	− 4	− 1	3	4	4	4	5	3	− 5	− 5	− 4	− 3	− 2	− 4	− 4	− 3	− 4	− 5	− 2	0	0	2	3	4	− 0·6
18	4	3	2	− 4	− 5	− 5	− 6	− 6	− 6	− 7	− 8	0	− 8	1	2	2	1	− 4	− 4	− 4	1	2	2	1	− 1·9
19	1	0	0	− 1	− 2	− 4	− 3	− 4	− 3	− 3	− 3	− 2	− 2	− 2	− 3	− 4	− 5	− 4	− 6	− 5	− 6	− 6	− 7	− 8	− 3·4
20	−12	−13	−13	−12	−14	−15	−17	−18	−18	−16	−16	−15	−17	−16	−15	−13	−15	−13	−12	−10	−10	−10	− 9	− 9	−13·7
21	−10	−10	− 9	− 9	−11	−11	−12	−12	−11	−10	− 9	− 9	− 9	−10	−10	−10	−10	−10	−12	− 9	− 8	− 7	− 7	− 7	− 9·8
22	− 7	− 8	−11	− 9	− 8	− 7	− 6	− 7	− 8	− 9	− 8	−10	−10	−11	− 9	− 7	− 7	− 5	− 5	− 3	− 3	− 3	− 3	− 4	− 7·0
23	− 5	− 5	− 6	− 4	− 3	− 5	− 6	− 5	− 4	− 5	− 2	− 2	− 6	− 8	−10	−11	−12	−12	− 9	− 5	− 9	− 9	−12	−12	− 7·0
24	−12	−11	−10	− 8	− 7	− 7	− 5	− 2	− 3	− 5	− 4	− 5	− 4	− 5	− 3	− 3	− 3	− 3	− 3	− 3	− 6	− 7	− 8	− 8	− 5·7
25	− 8	− 8	− 8	− 8	− 7	− 7	− 8	− 9	−10	−12	−16	−16	−16	−14	−13	−13	−12	−11	−14	−16	−14	−12	−11	−11	−11·3
26	−11	−12	−14	−13	−16	−16	−16	−18	−18	−17	−16	−16	−14	−20	−20	−19	−20	−20	−20	−20	−20	−20	−18	−19	−17·2
27	−20	−22	−24	−26	−26	−28	−29	−26	−17	−20	−20	−22	−23	−22	−20	−22	−26	−27	−28	−29	−26	−21	−21	−20	−23·6
28	−20	−22	−27	−28	−26	−14	−12	−14	−12	−13	−14	−14	−12	− 9	− 6	− 6	− 8	− 8	−14	−13	−17	−18	−20	−20	−15·3
29	−17	−21	−23	−22	−20	−23	−23	−26	−22	−23	−26	−26	−26	−26	−25	−25	−12	−12	−12	−13	−16	−19	−21	−22	−20·9
30	−23	−21	−22	−21	−20	−19	−19	−20	−20	−18	−16	−16	−16	− 4	1	− 2	− 9	− 6	− 4	− 3	− 2	− 1	0	1	−11·8
31	1	1	−1	− 2	− 3	− 3	− 2	− 1	1	3	3	4	4	5	5	6	7	9	8	8	8	8	10	12	3·8
Mean	−2·7	−3·0	−3·4	−3·5	−3·5	−3·4	−3·2	−3·4	−3·2	−3·2	−3·2	−3·9	−4·2	−3·3	−2·9	−3·0	−3·2	−3·1	−3·1	−3·0	−3·1	−2·3	−1·9	−2·0	− 3·1

TABLE 2. TEMPERATURE—HOURLY VALUES.

March, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	Mean.
1	*26*	26	27	27	27	27	27	26·8
2	26	28	28	28	28	26	26	27·2
3	25	28	27	28	27	26	25	26·6
4	23	26	25	28	26	24	24	25·2
5	20	21	22	23	*23*	22	21	21·8
6	*25*	*25*	*25*	25	25	22	21	24·0
7	*20*	*21*	*22*	23	23	23	23	22·2
8	22	22	23	23	23	23	23	22·8
9	24	25	26	25	25	24	23	24·6
10	26	26	25	28	26	26	27	26·3
11	24	25	26	25	25	26	24	25·0
12	*25*	26	25	25	24	23	22	24·3
13	20	22	21	22	21	21	20	21·0
14	19	19	20	19	19	19	15	18·6
15	16	17	18	19	18	18	19	17·9
16	15	15	15	14	16	18	17	15·8
17	14	18	17	16	18	19	18	17·2
18	14	16	14	15	16	11	10	13·8
19	17	17	16	14	15	16	17	16·0
20	19	20	20	20	20	17	18	19·2
21	15	17	17	18	19	18	18	17·5
22	20	18	23	22	25	25	26	22·8
23	23	24	23	23	22	21	21	22·5
24	16	20	21	21	21	20	20	17·9
25	19	22	23	23	22	21	21	21·5
26	20	20	21	22	21	21	22	21·0
27	20	20	20	21	20	15	12	18·3
28	19	*19*	*19*	19	19	18	18	18·8
29	16	17	18	19	17	17	18	17·5
30	15	16	16	16	15	13	10	14·5
31	10	17	17	16	16	10	*10*	13·5
Mean	19·8	21·1	21·3	21·5	21·4	20·3	19·8	20·7

TABLE 2. TEMPERATURE –HOURLY VALUES.

APRIL, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	Mean.
1	12	14	16	16	16	14	13	14·5
2	10	*13*	15	15	15	15	12	13·6
3	17	18	17	18	17	17	16	17·2
4	15	17	15	17	17	15	16	16·0
5	12	11	10	9	*10*	10	10	10·3
6	8	8	9	11	12	14	14	10·9
7	17	17	17	18	16	16	16	16·8
8	15	15	14	15	13	14	15	14·5
9	10	12	12	14	17	15	11	13·0
10	6	10	14	12	10	10	10	10·3
11	18	15	15	15	13	12	13	14·5
12	11	10	12	8	12	6	7	9·5
13	10	12	12	12	11	12	9	11·1
14	13	14	16	16	15	17	20	15·9
15	21	21	22	21	20	21	20	20·9
16	18	17	16	14	14	14	13	15·2
17	9	9	8	8	7	10	10	8·8
18	14	13	13	13	11	14	14	13·2
19	6	7	7	6	4	4	−3	4·5
20	4	4	5	4	2	1	0	2·9
21	−1	−3	−2	−3	−4	−2	−1	−2·3
22	−1	0	0	0	1	1	1	0·3
23	−1	−4	−2	−2	−6	−4	−3	−3·2
24	−5	−8	−6	−8	−2	−7	−5	−5·9
25	5	5	6	10	11	13	11	8·8
26	13	13	13	*12*	11	10	10	11·8
27	9	8	10	7	7	6	6	7·6
28	4	2	2	0	1	1	0	1·5
29	−2	−1	−1	−2	−1	0	−1	−1·2
30	0	10	3	4	3	0	−2	2·6
Mean	8·9	9·3	9·6	9·3	9·1	9·0	8·4	9·1

TABLE 2. TEMPERATURE –HOURLY VALUES.

May, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	Mean.
1	−1	1	1	3	4	5	7	2·9
2	1	−1	4	2	1	5	1	1·9
3	3	3	2	0	4	2	0	0·9
4	−3	−1	−1	0	1	0	−1	−0·8
5	1	2	2	0	0	4	5	2·0
6	11	10	13	13	10	14	14	12·2
7	15	13	12	13	12	14	14	13·3
8	12	16	17	16	15	18	18	16·0
9	15	15	15	16	17	17	17	16·0
10	19	19	18	17	15	13	14	16·5
11	19	19	16	21	20	18	20	19·0
12	20	24	22	22	22	22	19	21·6
13	15	5	12	10	10	8	7	11·0
14	4	4	4	4	3	3	2	3·5
15	1	−1	0	−1	−1	−2	−2	−0·9
16	2	3	7	7	6	7	8	5·8
17	8	7	6	3	4	5	5	5·5
18	9	8	6	7	8	9	13	8·6
19	10	12	12	11	8	7	5	9·3
20	3	3	2	0	−4	0	1	0·8
21	−1	−2	−2	−1	−1	−3	−4	−2·0
22	−6	−6	−3	−2	−2	−4	−6	−4·2
23	−6	−5	−6	−7	−10	−11	−14	−8·5
24	−17	−16	−18	−18	−18	−14	−15	−16·6
25	−22	−18	−17	−16	−19	−16	−21	−18·5
26	−22	−28	−27	−22	−20	−21	−22	−23·2
27	−16	−19	−20	−16	−18	−20	−16	−17·9
28	−21	−24	−20	−27	−19	−20	−20	−21·6
29	−27	−27	−28	−25	−25	−27	−21	−25·8
30	−19	−21	−13	−13	−24	−20	−26	−19·5
31	−17	−19	−14	−13	−14	−20	−17	−16·3
Mean	−0·7	−0·5	0·1	0·1	0·8	−0·2	−0·5	0·3

TABLE 2. TEMPERATURE—HOURLY VALUES.

JUNE, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	24 h.	Mean.
1	− 12	−11	−10	−10	− 9	− 9	−10	− 8	7	5	8	8	− 4·3
2	8	8	8	6	6	5	5	5	5	10	9	8	7·0
3	7	5	3	− 2	− 4	− 9	−11	−10	− 9	−10	−12	−10	− 5·2
4	−11	−11	− 8	− 4	− 5	− 9	− 6	− 7	− 8	− 9	− 9	−10	− 8·1
5	− 11	−12	−10	− 7	− 6	− 4	− 3	0	0	1	3	− 1	− 4·2
6	− 2	− 4	− 8	− 9	− 5	− 6	− 8	−11	− 9	−10	−11	−12	− 8·0
7	−18	−14	−15	−12	−11	−11	−13	−13	−16	−13	− 8	−11	−13·0
8	−15	−15	−14	−11	−14	−15	−18	−19	−18	−16	−15	−10	−15·0
9	−11	− 5	− 6	− 6	−11	−11	−12	−12	−14	−20	−11	−15	−11·2
10	13	12	−11	−11	− 8	−13	−15	−14	−22	−26	−22	−24	−16·0
11	−26	−24	−22	−22	−23	−27	−24	−25	−25	−24	−20	−25	−24·0
12	−19	−20	−15	−19	−24	−22	−17	−14	−15	−18	−22	−22	−19·0
13	−20	−17	−21	−17	−12	−12	− 5	− 5	− 8	− 8	− 9	−19	−12·8
14	−20	−20	−20	−14	−17	−20	−21	−18	−19	−21	−18	−20	−19·0
15	−22	−21	−21	−26	−20	−24	−25	−26	−26	−27	−26	−27	−24·3
16	−24	−25	−29	−26	−28	−32	−28	−24	−25	−18	−14	−22	−24·6
17	−25	−20	−26	−27	−26	−19	−20	−24	−23	−23	−24	−25	−23·5
18	−26	−28	−28	−25	−26	−22	−20	−15	−14	− 9	− 5	− 1	−18·3
19	− 6	− 3	− 2	− 3	− 2	− 2	− 2	− 2	0	− 2	− 6	− 7	− 3·1
20	−10	−10	−11	−12	−12	−11	−13	−13	−16	−20	−23	−22	−14·5
21	−15	−14	−14	−13	−14	−13	−11	−11	−16	−17	−19	−19	−14·7
22	−21	−22	−20	−20	−20	−22	−24	−22	−19	−21	−24	−25	−21·7
23	−25	−28	−30	−30	−23	−23	−22	−27	−28	−27	−25	−24	−26·0
24	−22	−19	−21	−20	−22	−17	−19	−27	−22	−26	−21	−21	−21·5
25	−27	−26	−25	−25	−23	−24	−26	−27	−26	−31	−34	−33	−27·3
26	−28	−30	−30	−31	−31	−34	−34	−35	−33	−32	−32	−29	−31·6
27	−28	−27	−22	−24	−27	−24	−28	−26	−28	−34	−34	−28	−27·5
28	−24	−26	−19	−18	−15	−16	−14	−17	−18	−25	−27	−26	−20·5
29	−29	−26	−27	−23	−25	−18	−19	−27	−26	−22	−16	−16	−22·9
30	−14	−15	−15	−12	−11	−11	−12	−11	− 3	− 1	− 3	− 4	− 9·4
Mean	−17·0	−16·4	−16·3	−15·8	−15·6	−15·8	−15·8	−16·2	−15·8	−16·5	−15·7	16·4	16·1

TABLE 2. TEMPERATURE—HOURLY VALUES.

JULY, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	24 h.	Mean.
1	— 4	— 5	— 6	— 4	— 5	— 6	— 6	— 5	— 5	— 5	— 4	— 6	— 5·1
2	—10	—11	—10	—12	—15	—10	—15	—16	— 9	— 6	— 7	— 4	—10·5
3	— 3	— 2	— 1	1	2	3	3	6	6	6	5	0	2·2
4	2	— 5	1	0	— 1	— 5	— 7	—11	— 7	— 6	— 6	— 5	— 4·2
5	— 5	— 7	— 7	— 8	— 9	— 9	—10	—10	—10	—10	—10	—10	— 8·8
6	— 9	—10	10	—10	—11	—12	—12	—13	—14	—14	—17	—19	—12·6
7	—17	—15	—15	—14	—14	—11	3	2	6	9	8	6	4·4
8	— 4	1	— 2	— 5	—10	—10	—10	—10	—11	—14	—15	—14	— 8·0
9	—14	—16	—13	—15	—15	— 9	—14	—14	—16	—15	—15	— 9	—13·8
10	— 8	—12	— 5	—10	— 3	—13	—10	— 2	—10	— 2	12	— 9	— 8·0
11	— 9	— 8	— 9	—16	—17	—14	—19	—21	—15	—20	—21	—21	—15·9
12	—23	—24	—23	—24	—23	—24	—25	—25	—24	—24	—24	—22	—23·8
13	—20	—18	—16	—16	—15	—18	—18	—19	—16	—20	—18	—19	—17·8
14	—23	—24	—20	—20	—19	—22	—19	—19	—22	—18	—25	—17	—20·7
15	—17	—20	—20	—22	—24	—24	—19	—17	—13	—12	—11	—11	—17·5
16	—16	—15	—11	—12	—13	—10	— 8	— 8	—10	— 9	— 8	— 8	—10·7
17	—11	—12	—13	—11	— 8	— 8	— 9	— 9	—10	—10	— 9	—12	—10·2
18	—14	—19	—22	—27	—25	—27	—27	—29	—23	—20	—21	—22	—23·0
19	—28	—26	—23	—22	—19	—15	—15	—15	—15	—25	—26	—26	—21·3
20	—23	—24	—23	—24	—19	—17	—14	—18	—16	—19	—18	—20	—19·6
21	—18	—14	—13	—14	—12	—19	—21	—16	—22	—22	—20	—18	—17·5
22	—18	—22	—21	—22	—25	—21	—18	—18	—23	—23	—22	—22	—21·3
23	—21	—24	—24	—26	—30	—29	—28	—27	—25	—18	—14	—20	—23·9
24	—20	—28	—23	—18	—16	—22	—21	—21	—16	—15	—10	—10	—18·4
25	— 9	—11	— 4	1	3	— 2	— 1	— 1	— 3	— 5	— 5	—10	— 4·0
26	— 8	— 8	— 9	—10	—13	—13	—12	—12	—13	—16	—19	—21	—12·9
27	—24	—22	—15	—11	—25	—25	—24	—20	—26	—26	—26	—20	—22·0
28	—14	—14	—11	—11	—12	—10	—11	—13	—13	—18	—19	—19	—13·8
29	—20	—19	—24	—24	—23	—21	—20	—19	—18	—20	—22	—24	—21·2
30	—19	—16	—16	—14	—20	—24	—28	—27	—28	—30	—29	—31	—23·5
31	—34	—32	—31	—33	—32	—32	—29	—29	—32	—29	—24	—19	—29·7
Mean	—14·6	—15·6	—14·2	—14·6	—15·1	—15·5	—15·0	—14·7	—14·6	—14·7	—15·0	—14·9	—14·9

TABLE 2. TEMPERATURE—HOURLY VALUES.

AUGUST, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Mean.
1	−28	−29	−30	−24	−25	−23	−18	−13	−23·8
2	−20	−15	−13	−11	− 9	5	9	12	− 5·3
3	− 5	− 6	− 7	− 7	− 8	− 8	−12	−12	− 7·2
4	−19	−16	−11	−13	−13	−11	−14	−15	−14·4
5	−12	−14	−14	−14	−16	−15	−14	−17	−14·5
6	−20	−19	−18	−21	−19	−25	−27	−26	−21·9
7	−13	−13	−15	−12	−13	−19	−15	−15	−14·4
8	−10	−11	−18	−16	−22	−18	−16	−16	−15·9
9	−20	− 9	− 8	−12	−12	−12	−10	−10	−11·7
10	−12	−10	−10	− 7	− 9	−11	− 9	− 6	− 9·3
11	−11	− 4	− 9	− 8	−12	−13	−17	−17	−11·4
12	−20	−21	−26	−25	−28	−26	−22	−19	−23·4
13	−14	−10	− 9	−10	−13	−13	−17	−14	−12·5
14	−28	−28	−30	−32	−34	−33	−26	−20	−28·9
15	− 9	− 7	− 2	0	2	− 3	− 4	− 6	− 3·7
16	−10	−10	−10	−11	−14	−14	−14	−14	−12·2
17	−22	−19	−20	−21	−18	−12	−15	−12	−17·4
18	− 9	− 1	2	1	0	0	− 1	− 4	− 1·5
19	− 6	− 6	− 8	− 7	− 7	− 7	− 8	− 4	− 6·7
20	− 2	− 3	− 2	− 7	− 1	0	1	1	− 1·7
21	− 1	− 1	− 6	0	− 8	− 3	− 6	− 5	− 3·8
22	−16	−18	−17	−14	−13	− 6	− 5	0	−11·2
23	−22	−19	−20	−20	−22	−22	−21	−26	−21·5
24	− 7	−11	−14	−15	−19	−19	−21	−22	−16·0
25	−22	−21	−20	−19	−18	−18	−18	−19	−19·4
26	−11	−13	−13	−16	−17	−26	−26	−27	−18·7
27	−19	−16	−17	−17	−20	−12	− 8	− 8	−14·7
28	− 7	− 7	−10	−11	−16	−18	−16	−15	−12·5
29	−23	−18	−16	−17	−16	−19	−18	−23	−18·8
30	−25	−22	−20	−23	−26	−23	−17	−11	−20·9
31	2	2	2	2	2	2	3	0	0·1
Mean	−14·2	−13·2	−13·2	−13·1	−14·5	−13·9	−13·2	−12·4	−13·4

TABLE 2. TEMPERATURE—HOURLY VALUES.

September, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Mean.
1	− 2	− 1	− 1	− 2	− 3	− 6	− 9	− 12	− 4
2	−14	−13	−10	−11	−12	−14	−10	−11	−12
3	16	15	16	16	15	16	15	14	15
4	16	20	18	13	10	9	7	4	12
5	− 2	− 2	− 2	− 3	− 5	− 7	− 8	− 9	− 5
6	−11	−15	−14	−14	−16	−18	−19	−19	−16
7	−12	−11	− 8	− 6	− 7	− 9	− 7	− 7	− 8
8	*−15*	—	—	—	—	—	*−15*	—	—
9	*−15*	—	—	—	—	—	*−15*	—	—
10	*−15*	—	—	—	—	—	*−15*	—	—
11	*− 4*	—	—	—	—	—	*− 7*	—	—
12	*−14*	—	—	—	—	—	*−10*	—	—
13	−14	−12	−15	−16	−20	−22	−25	−23	−18
14	−20	−17	−15	−12	−10	− 5	− 2	− 2	−10
15	0	0	1	− 1	− 2	− 6	− 4	*− 2*	− 2
16	14	16	11	12	12	12	12	*12*	13
17	10	10	10	10	6	4	3	2	7
18	*5*	7	3	− 2	− 2	*− 3*	*− 3*	*− 6*	0
19	− 6	− 2	− 1	2	2	2	1	*2*	0
20	11	11	11	10	19	16	16	15	14
21	8	9	8	9	8	7	5	6	8
22	− 1	3	2	3	3	2	2	− 3	1
23	−10	− 1	0	0	0	− 5	− 6	− 4	− 3
24	− 5	− 3	2	2	3	5	4	− 3	1
25	− 8	− 5	− 4	− 3	4	12	*15*	*15*	3
26	15	16	12	15	15	15	15	13	14
27	15	4	6	6	2	2	3	1	5
28	− 1	1	1	1	0	− 3	− 6	− 6	− 2
29	− 6	− 4	− 1	1	0	− 2	− 8	− 8	− 4
30	− 9	− 4	− 3	− 3	− 4	− 6	− 6	− 7	− 5
Mean	−0·5	0·9	1·1	1·1	0·7	−0·2	−0·6	−1·5	0·1

TABLE 2. TEMPERATURE—HOURLY VALUES.

OCTOBER, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	Mean.
1	*—9*	*—11*	*—9*	*—4*	*—5*	*—5*	*—6*	*7·0*
2	*—6*	*1*	*3*	*3*	*3*	*7*	*7*	*2·6*
3	*11*	*3*	*2*	*5*	*6*	*2*	*—4*	*3·6*
4	*—15*	*...*	*—*	*—*	*—*	*—*	*—15*	*—*
5	*—12*	*—*	*—*	*—*	*—*	*—*	*—28*	*—*
6	*0*	*—*	*—*	*—*	*—*	*—*	*—2*	*—*
7	*—2*	*—*	*—*	*—*	*—*	*—*	*—11*	*—*
8	*—12*	*—*	*—*	*—*	*—*	*—*	*—2*	*—*
9	*—8*	*—*	*—*	*—*	*—*	*—*	*—11*	*—*
10	*0*	*—*	*—*	*—*	*—*	*—*	*—14*	*—*
11	*—23*	*—*	*—*	*—*	*—*	*—*	*—10*	*—*
12	*—4*	*—*	*—*	*—*	*—*	*—*	*—6*	*—*
13	*—1*	*—*	*—*	*—*	*—*	*—*	*0*	*—*
14	*19*	*20*	*21*	*23*	*26*	*25*	*23*	*22·5*
15	*16*	*15*	*15*	*15*	*14*	*13*	*12*	*14·3*
16	*11*	*11*	*12*	*10*	*10*	*8*	*5*	*9·6*
17	*5*	*8*	*10*	*9*	*6*	*4*	*2*	*6·3*
18	*—4*	*—2*	*—1*	*1*	*0*	*—1*	*—1*	*—1·2*
19	*—2*	*4*	*5*	*4*	*7*	*11*	*5*	*4·9*
20	*6*	*8*	*10*	*9*	*8*	*7*	*5*	*7·6*
21	*6*	*9*	*9*	*10*	*7*	*6*	*4*	*7·3*
22	*2*	*3*	*6*	*5*	*2*	*0*	*1*	*2·8*
23	*6*	*5*	*8*	*9*	*8*	*6*	*6*	*6·9*
24	*6*	*7*	*8*	*8*	*8*	*8*	*7*	*7·5*
25	*8*	*9*	*10*	*9*	*9*	*10*	*8*	*9·0*
26	*3*	*6*	*7*	*6*	*6*	*7*	*0*	*5·0*
27	*10*	*16*	*8*	*10*	*7*	*6*	*6*	*9·0*
28	*4*	*4*	*5*	*5*	*6*	*6*	*5*	*5·0*
29	*5*	*6*	*7*	*8*	*6*	*4*	*8*	*6·3*
30	*4*	*8*	*10*	*11*	*11*	*12*	*7*	*9·0*
31	*10*	*12*	*13*	*12*	*11*	*10*	*5*	*10·5*
Mean	*5·3*	*6·8*	*7·6*	*8·0*	*7·5*	*7·0*	*5·0*	*6·7*

TABLE 2. TEMPERATURE HOURLY VALUES.

November, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Mean.
1	5	8	10	11	12	9	12	12	10·0
2	14	12	12	11	13	14	15	15	13·0
3	18	*19*	20	20	17	12	14	11	16·4
4	11	15	17	16	15	14	12	12	15·0
5	20	21	24	24	21	19	18	17	20·0
6	18	22	*27*	21	*21*	22	18	*17*	20·8
7	16	20	20	*20*	19	17	15	12	17·4
8	16	20	21	20	22	22	20	*19*	20·0
9	21	*22*	*23*	25	24	24	22	20	22·6
10	19	22	23	24	24	22	22	*22*	22·2
11	21	21	21	20	20	19	18	17	20·0
12	20	20	24	24	22	19	17	17	20·0
13	18	20	18	24	21	21	19	17	20·0
14	18	19	20	21	23	21	22	22	21·0
15	21	22	23	23	22	22	20	20	22·0
16	20	22	24	24	*23*	22	19	18	21·5
17	19	20	19	19	18	23	18	16	19·0
18	15	*17*	17	18	18	17	17	*17*	17·0
19	16	17	20	20	20	18	18	15	18·0
20	16	18	27	20	20	20	18	*17*	19·5
21	16	25	20	22	23	23	22	20	21·0
22	20	21	22	22	22	22	22	21	22·0
23	20	20	20	22	24	25	26	23	22·0
24	26	28	31	27	24	24	22	22	26·0
25	24	23	24	25	24	23	22	19	23·0
26	18	18	21	17	17	16	18	15	18·0
27	20	22	23	24	25	25	23	20	23·0
28	24	25	25	25	26	24	24	23	24·0
29	24	24	25	25	24	24	22	22	24·0
30	24	24	24	24	24	23	22	22	23·0
Mean	18·6	20·2	21·5	21·3	20·9	20·2	19·2	18·0	20·0

TABLE 2. TEMPERATURE—HOURLY VALUES.

DECEMBER, 1911.

CAPE ADARE. Fahrenheit degrees.

Day.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Mean.
1	24	24	25	24	25	24	23	22	23·9
2	24	26	25	28	25	24	23	22	24·7
3	22	22	23	24	26	25	23	23	23·5
4	23	23	25	25	24	24	22	21	23·4
5	20	20	22	22	22	22	21	18	20·9
6	17	20	19	23	21	20	21	19	20·0
7	22	21	23	24	24	24	22	22	22·8
8	29	31	33	32	32	39	34	30	32·5
9	31	32	33	34	34	32	32	30	32·3
10	28	29	29	29	29	28	27	25	28·0
11	25	29	31	34	28	27	30	29	29·2
12	34	33	35	35	34	32	32	33	33·5
13	30	32	33	34	32	32	32	30	31·9
14	29	32	33	34	32	32	29	29	31·3
15	28	34	34	33	32	32	31	29	31·7
16	32	33	33	31	29	28	28	28	30·3
17	20	27	30	30	29	29	28	28	27·7
18	25	26	26	28	27	27	27	25	26·4
19	30	34	35	32	31	32	30	31	31·9
20	32	33	32	33	34	32	30	30	32·0
21	28	28	28	28	28	28	28	28	28·0
22	29	30	29	32	30	30	30	28	29·8
23	26	28	28	30	31	30	30	28	28·9
24	25	26	25	26	27	27	26	22	25·5
25	25	27	29	29	30	28	26	24	27·3
26	26	29	29	30	28	28	28	27	28·2
27	30	31	32	32	31	31	30	28	30·7
28	25	26	26	28	28	28	26	25	26·5
29	27	29	29	31	30	30	31	30	29·7
30	31	31	32	33	32	30	30	31	31·3
31	36	35	35	35	35	33	33	33	34·4
Mean	26·9	28·4	29·1	29·8	29·0	28·7	27·9	26·7	28·3

TABLE 3. TEMPERATURE—MONTHLY VALUES.

FIVE STATIONS. Fahrenheit degrees.

Station.	Year.	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	Year.
Hut Point ...	1902	+22·5*	+15·9	+ 8·0	- 7·1	-12·5	-16·0	-8·1	-16·5	-12·0	- 8·5	+12·0	+23·1	- 0·1
Do. ...	1903	+26·1	+11·2	- 0·8	-16·9	-16·0	13·8	-21·1	- 16·5	- 18·6	6·8	+15·1	+25·7	- 2·7
Cape Royds ...	1908–09	+26·1	+20·5	+ 4·8	-10·8	- 5·1	- 7·1	-17·0	-15·7	- 5·6	+ 4·5	+17·1	+30·0	+ 3·1
Cape Evans ...	1911	+22·4	+18·7	+ 7·2	- 1·1	-10·8	-13·5	-21·1	-21·1	-15·8	- 3·5	+12·1	+22·0	- 0·4
Do. ...	1912	+21·3	+12·9	+ 2·6	- 8·0	- 7·6	- 9·2	- 5·7	- 3·1	- 6·7	+ 3·5	+14·3	+23·8	+ 3·2
Mean	5 years	+23·7	+15·8	+ 1·1	- 8·8	-10·5	-11·9	-11·6	-14·6	-11·7	- 2·1	+11·2	+24·9	+ 0·7
Cape Adare ...	1899	+33·2†	*+26·5*	+17·6	+10·1	- 3·8	- 12·9	- 9·0	- 13·5	-12·5	- 1·9	+18·0	+31·6	+ 6·9
Do. ...	1911	*+30·0*	*+27·5*	+19·8	+ 8·6	- 0·6	-16·1	-11·7	-13·7	- 2·6	+ 0·6	+18·9	+27·1	+ 7·1
Mean	2 years	+31·6	+27·0	+18·7	+ 9·4	2·2	-14·5	-11·9	-13·6	- 7·5	- 0·6	+18·5	+29·5	+ 7·0
Framheim ...	1911	+11·5‡	+ 1·2	6·7	-17·7	-31·7	- 29·9	-33·7	-43·6	-35·5	-11·6	+ 1·1	- 19·9	-11·4

* 1901. † 1900. ‡ 1912.

CAPE EVANS.

Local Time			0	1	2	3	4	5	6	7	8	9	10	11
Standard Time ...			1	2	3	4	5	6	7	8	9	10	11	12
Month.	Year.	Mean.												
Jan.	1912	+21·3	1·3	−1·8	−2·3	−2·3	−2·9	2·8	−1·4	1·2	−1·0	−0·3	+0·8	+1·2
Feb.	1911 1912	15·8	1·0	−1·2	−1·3	−1·3	−1·1	−1·1	−0·9	0·1	+0·2	+0·2	+0·5	+0·8
March	1911 1912	+4·9	+0·4	+0·2	−0·1	−0·2	−0·4	−0·6	−0·6	0·5	−0·5	−0·1	+0·2	+0·4
April	1911 1912	4·6	+0·4	+0·3	+0·3	+0·4	+0·4	−0·3	−0·4	−0·8	−0·8	−0·7	−0·4	−0·2
May	1911 1912	−9·2	−0·2	+0·3	−0·5	−0·5	−0·5	−0·6	−0·7	−0·8	−0·5	−0·4	+0·2	+0·4
June	1911 1912	11·3	0·7	−0·5	−0·6	−0·3	0·0	+0·1	+0·1	+0·1	+0·1	+0·5	+0·4	+0·4
July	1911 1912	−13·4	+0·1	+0·2	+0·2	+0·1	−0·1	−0·9	−0·8	−0·6	−0·5	−0·3	−0·3	+0·2
Aug.	1911 1912	−12·1	+0·6	+0·5	+0·1	+0·3	+0·3	+0·2	+0·2	−0·3	−0·5	−0·4	−0·6	−1·1
Sept.	1911 1912	−15·8	−0·7	−1·2	−0·9	−0·5	+0·6	+0·2	−0·2	−0·4	−0·5	+0·5	+0·5	−0·1
Oct.	1911 1912	−3·5	−0·8	−0·9	−0·6	−0·8	−1·5	−1·0	−1·1	−1·0	−0·2	+0·3	+0·8	+1·0
Nov.	1911 1912	+12·4	−1·7	−1·6	−1·9	−2·5	−2·8	−2·6	−2·4	−1·1	−0·1	+0·4	+0·8	+1·3
Dec.	1911 1912	+22·0	−1·4	−1·3	−2·2	−2·0	−1·9	−1·7	−0·9	−0·7	−0·5	−0·1	+0·6	+1·2
Nov. Dec. Jan.	Summer	−18·62	−1·46	−1·57	−2·11	−2·26	−2·51	−2·36	−1·55	−1·01	−0·40	0·00	+0·73	+1·22
April May Sept. Oct.	Equinox	−4·66	−0·23	−0·41	−0·30	−0·29	−0·24	−0·42	−0·59	−0·82	−0·51	−0·04	+0·24	+0·30
May June July	Winter	−11·30	−0·08	+0·03	−0·28	−0·19	−0·19	−0·42	−0·54	−0·49	−0·29	+0·08	+0·12	+0·34
Year		−0·54	−0·48	−0·95	−0·81	−0·79	−0·81	−0·91	−0·75	−0·61	−0·36	−0·02	+0·30	+0·49

Fahrenheit degrees.

12	13	14	15	16	17	18	19	20	21	22	23	Amplitude.	Local Time of		
13	14	15	16	17	18	19	20	21	22	23	24		Max.	Min.	
															Month.
+1·6	+1·7	+1·6	+1·8	+2·2	+2·0	+1·8	+1·3	+1·1	+0·6	+0·1	−0·3	5·1	16	4	Jan.
+0·9	+0·8	+0·9	+0·9	+0·9	+0·7	+0·6	+0·5	+0·4	+0·3	−0·1	−0·5	2·2	15	2½	Feb.
+0·6	+0·6	+0·5	+0·4	+0·3	+0·3	0·0	−0·1	−0·1	−0·3	−0·2	+0·3	1·2	12	5½	March
−0·1	0·0	+0·2	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	+0·4	+0·4	+0·5	1·2	3½, 21½	7½	April
+0·6	+1·0	0·0	−0·2	−0·2	0·0	0·0	0·0	+0·4	+0·5	+0·5	+0·5	1·8	13	7	May
+0·2	+0·1	0·0	0·0	−0·1	+0·1	0·0	+0·1	0·0	−0·2	−0·3	−0·5	1·2	9	0	June
+0·3	+0·3	+0·2	+0·2	+0·6	+0·4	0·0	0·0	0·0	+0·3	+0·2	+0·2	1·5	16	5	July
−1·3	−0·6	−0·2	−0·1	−0·1	+0·1	0·0	+0·2	+0·3	+0·8	+1·0	+0·6	2·3	22	12	Aug.
+0·8	+0·6	+1·0	+0·8	+0·8	+0·1	+0·5	+0·4	−0·2	0·0	−0·2	−0·8	1·9	14	2	Sept.
+1·2	+1·0	+1·0	+1·4	+1·2	+1·0	+0·6	+0·5	+0·5	−0·3	−0·7	−0·7	2·9	15	4	Oct.
+1·6	+1·9	+1·9	+2·1	+1·9	+1·7	+1·4	+1·3	+0·8	+0·1	−0·6	−0·9	4·9	15	4	Nov.
+1·3	+1·7	+2·0	+1·8	+2·0	+1·7	+1·0	+0·7	+0·3	+0·2	−0·3	−1·0	4·2	14, 16	2	Dec.
+1·51	+1·77	+1·82	+1·90	+2·02	+1·80	+1·44	+1·09	+0·71	+0·31	−0·29	−0·72	4·53	16	4	Nov. Dec. Jan.
+0·63	+0·49	+0·63	+0·64	+0·54	+0·42	+0·26	+0·24	+0·06	−0·08	−0·22	−0·22	1·46	15	7	April May Sept. Oct.
+0·35	+0·48	+0·08	+0·01	+0·09	+0·21	0·00	+0·05	+0·15	+0·25	+0·16	+0·13	1·02	13	6	May June July
+0·65	+0·77	+0·77	+0·79	+0·81	+0·70	+0·50	+0·43	+0·31	+0·21	0·00	−0·21	1·76	16	1	Year

TABLE 5. TEMPERATURE—DAILY VARIATION

HUT POINT AND CAPE EVANS COMBINED.

Local Time.	0 h.	2 h.	4 h.	6 h.	8 h.	10 h.
January ... (1903, 1904, 1912)	−1·72	−2·47	−2·82	−1·33	−0·48	+0·58
February ... (1902, 1903, 1911, 1912)	−0·89	−1·68	−1·54	−0·91	−0·18	+0·34
March ... (1902, 1903, 1911, 1912)	+0·12	−0·33	−0·79	−0·75	−0·21	+0·48
April ... ... (1902, 1903, 1911, 1912)	+0·21	+0·06	+0·52	+0·25	−0·06	+0·09
May ... ... (1902, 1903, 1911, 1912)	−0·13	−0·60	−0·40	−0·50	−0·28	+0·26
June ... ... (1902, 1903, 1911, 1912)	−0·46	−0·73	−0·23	+0·07	−0·14	−0·08
July ... ... (1902, 1903, 1911, 1912)	−0·25	+0·03	+0·80	−0·03	−0·07	+0·10
August ... (1902, 1903, 1911, 1912)	+0·32	+0·08	+0·59	+0·53	+0·16	−0·31
September ... (1902, 1903, 1911)	−0·41	−0·18	+0·19	−0·71	−0·89	−0·08
October ... (1902, 1903, 1911)	−1·15	−0·82	−1·18	−1·41	−0·58	+1·13
November ... (1902, 1903, 1911)	−1·79	−1·26	−1·61	−1·22	−0·35	+0·68
December ... (1902, 1903, 1911)	−0·63	−1·57	−1·30	−0·98	−0·72	+0·46
November ... ... / December ... ... / January ... ... Summer	−1·32	−1·85	−1·98	−1·27	−0·46	+0·61
April ... ... / May ... ... / September ... ... / October ... ... Equinox	−0·32	−0·34	−0·30	−0·61	−0·38	+0·41
May ... ... / June ... ... / July ... ... Winter	−0·27	−0·42	+0·03	−0·19	−0·16	+0·10
Year	−0·57	−0·79	−0·56	−0·58	−0·32	+0·37

CORRECTED FOR NON-PERIODIC CHANGE.

Fahrenheit degrees.

12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Mean.	Amplitude.	Time of Max. hr.	Time of Min. hr.	
+1·26	+1·78	+2·17	+1·78	+0·90	+0·28	+23·2	5·0	16	4	Jan.
+0·95	+1·21	+1·27	+0·89	+0·63	−0·11	+14·6	3·1	16	2	Feb.
+0·64	+0·62	+0·36	+0·03	−0·15	−0·03	+ 4·2	1·5	12	4	March
−0·34	−0·06	−0·11	−0·33	−0·31	+0·08	− 8·3	0·9	4	12	April
+0·64	+0·70	+0·69	+0·13	−0·34	−0·43	−11·9	1·3	15	2	May
+0·24	+0·02	+0·20	+0·61	+0·30	−0·10	−13·1	1·3	18	2	June
−0·31	+0·15	−0·01	−0·42	−0·14	+0·08	−14·1	1·2	4	18	July
−0·70	−0·39	−0·10	+0·13	+0·02	−0·15	−14·3	1·3	4	12	Aug.
+0·43	+0·87	+0·75	+0·49	−0·23	+0·14	−15·5	1·8	14	8	Sept.
+1·33	+1·50	+1·35	+0·52	+0·05	−0·84	− 6·2	2·9	14	6	Oct.
+1·39	+2·12	+1·66	+1·08	+0·11	−1·00	+13·1	3·9	14	4	Nov.
+0·95	+1·51	+1·47	+1·09	+0·37	−0·63	+23·8	3·2	14	2	Dec.
+1·28	+1·80	+1·82	+1·36	+0·52	−0·55	+20·0	3·8	16	4	Nov. Dec. Jan.
+0·55	+0·69	+0·56	+0·19	−0·13	−0·20	−14·0	1·3	14	6	April May Sept. Oct.
+0·20	+0·29	+0·29	+0·11	−0·06	−0·14	−13·0	0·7	14, 16	2	May June July
+0·54	+0·84	+0·78	+0·50	+0·10	−0·23	− 0·4	1·6	14	2	Year.

TABLE 6. TEMPERATURE—FOURIER COEFFICIENTS OF DAILY VARIATION.

HUT POINT AND CAPE EVANS. $\Delta T = a_1 \sin(A_1 + x) + a_2 (A_2 + 2x)$

	a_1			A_1			a_2			A_2		
	Hut Point. 1902–3	Cape Evans. 1911–2	Combined.	Hut Point. 1902–3	Cape Evans. 1911–2	Combined.	Hut Point. 1902–3	Cape Evans. 1911–2	Combined.	Hut Point. 1902–3	Cape Evans. 1911–2	Combined.
	°F.	°F.	°F.	°	°	°	°F.	°F.	°F.	°	°	°
January	2·17	2·28	2·22	222	216	219	0·31	0·31	0·26	226	159	191
February	1·68	1·10	1·41	218	231	223	0·17	0·25	0·21	195	196	195
March	0·70	0·35	0·52	235	217	229	0·42	0·38	0·36	118	70	95
April	0·68	0·43	0·24	357	131	35	0·19	0·22	0·05	249	40	338
May	1·02	0·38	0·61	255	186	238	0·60	0·46	0·30	0	112	45
June	0·64	0·29	0·34	191	282	215	0·33	0·18	0·21	255	225	245
July	0·72	0·40	0·21	364	177	31	0·31	0·30	0·10	280	61	345
August	0·64	0·70	0·40	357	103	54	0·42	0·12	0·27	277	274	276
September	0·58	0·68	0·54	187	247	219	0·49	0·17	0·29	24	321	9
October	1·55	1·21	1·37	238	231	235	0·43	0·17	0·30	53	84	57
November	1·63	2·45	2·01	241	220	229	0·41	0·29	0·12	351	138	30
December	1·25	1·89	1·56	219	227	224	0·16	0·33	0·10	20	135	156
November, December, January ... Summer ...	1·66	2·13	1·90	228	220	225	0·15	0·23	0·04	328	151	159
April ..., May ..., September, October Equinox ...	0·57	0·53	0·57	240	221	227	0·21	0·20	0·20	59	45	53
May ..., June ..., July ... Winter ...	0·35	0·26	0·27	261	206	238	0·28	0·21	0·06	312	109	357
Year	0·79	0·85	0·81	236	221	228	0·12	0·10	0·03	336	124	32

TABLE 7. TEMPERATURE—MAXIMUM AND MINIMUM, DAILY VALUES.

Thermometers read at 7 hrs. local time on the date shown in Column 1.

CAPE EVANS. Fahrenheit degrees.

1911.

Day.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	—	—	21·7	11·1	7·5	−6·6	**14·6**	4·3	4·6	−2·3	16·6	4·7	−28·7	−34·7	−24·3	−30·5	−9·0	−30·1	**13·5**	−16·4	11·0	−1·4	20·3	**8·4**
2	—	—	21·6	8·9	12·2	4·9	13·2	2·8	4·8	−6·5	12·7	*−3·2*	24·5	−37·8	−11·4	−32·0	−12·9	−27·2	13·4	−8·6	7·8	0·2	16·8	13·9
3	—	—	26·3	15·4	13·2	0·7	9·5	−4·8	4·0	8·7	7·7	−6·7	−24·5	−35·8	−21·6	−33·4	−20·4	−33·4	5·1	−1·6	21·0	3·8	18·9	15·4
4	—	—	25·6	18·4	14·8	−4·6	1·3	−6·2	−2·6	−10·3	9·3	−1·3	−17·8	−36·7	−4·3	−26·9	−21·6	−32·5	5·0	−9·3	23·0	6·9	18·0	9·9
5	—	—	27·1	21·5	11·0	−0·1	0·4	7·1	0·1	−9·5	3·2	−15·5	−17·7	−32·6	−16·3	−30·4	−22·7	−36·5	2·1	−10·6	18·0	8·9	18·0	*10·0*
6	—	—	**33·1**	26·6	5·0	−3·6	2·0	−9·5	−4·1	−9·5	16·4	−8·3	−32·7	−43·7	7·7	−33·6	−5·2	37·3	3·3	−8·6	25·8	5·3	25·7	16·2
7	—	—	29·1	24·9	6·5	2·7	9·3	0·7	1·0	−10·0	**20·6**	3·7	*40·0*	**46·7**	−12·9	−23·2	0·1	*15·8*	−3·6	−16·3	15·9	7·2	26·3	18·9
8	—	—	32·5	25·4	10·1	3·4	13·7	0·3	2·3	−12·1	4·7	−13·7	−28·5	−45·5	−17·4	−34·3	0·9	−23·4	−7·6	−21·6	24·0	12·9	23·8	11·8
9	—	—	31·5	16·6	14·3	7·4	8·9	2·5	7·8	11·7	−2·0	−15·5	*24·7*	*37·0*	−22·7	−36·5	−9·7	−23·5	−8·7	−21·6	**26·8**	15·2	23·3	12·4
10	—	—	25·3	16·6	15·3	7·4	9·3	0·7	5·2	−16·0	−0·8	−11·4	−0·2	*24·7*	−21·7	−35·5	−22·6	−31·5	−5·6	*16·0*	25·8	7·5	30·3	15·5
11	—	—	26·8	20·5	12·2	−0·6	10·8	5·3	−11·3	−16·3	7·2	−3·9	8·2	−1·2	−11·2	−27·6	−19·8	−36·5	−5·5	16·6	12·9	3·9	**34·7**	21·2
12	—	—	26·3	16·7	7·2	0·6	8·9	*3·0*	−10·6	−18·0	0·4	−7·5	8·5	−0·5	−13·6	−32·5	−23·2	−33·2	−8·0	−18·4	13·3	6·6	31·6	18·6
13	—	—	20·9	15·0	*1·8*	*−7·6*	4·6	*−4·2*	−3·6	−16·5	−5·1	−25·5	5·7	−6·5	−25·3	−36·7	−7·1	−30·0	3·3	−12·6	16·0	9·3	30·2	20·4
14	21·1	16·5	22·3	17·2	3·5	**8·1**	7·3	1·8	11·5	−19·5	−16·6	−26·6	1·9	−12·7	−31·4	**−39·3**	−19·4	−29·5	7·0	4·5	17·0	8·5	29·1	20·7
15	26·3	20·0	23·9	14·5	1·8	−7·4	1·1	−12·5	−14·7	−24·7	−3·6	−19·5	−1·5	−16·5	−28·6	−37·3	−22·1	**39·0**	9·3	−5·7	11·1	7·4	28·3	22·4
16	31·1	19·2	18·9	13·9	0·5	−6·6	3·7	17·5	11·1	−19·1	6·9	−22·3	−5·4	15·9	−23·4	−38·3	−15·6	−37·7	12·3	−14·1	15·8	5·4	28·0	13·8
17	**32·9**	19·6	23·8	16·1	8·5	1·6	2·7	14·6	5·8	−18·3	−13·3	−24·8	−11·8	−24·7	−25·6	−38·2	7·3	−25·0	−5·6	−22·9	9·0	**−4·3**	24·8	19·9
18	20·4	**4·9**	23·1	17·6	13·0	−0·6	−8·0	18·0	−0·4	−6·3	−7·8	−16·3	−12·7	−25·7	−26·4	−38·3	4·9	−17·7	9·1	**−23·2**	10·8	−1·6	27·7	17·7
19	23·3	8·4	21·8	15·4	12·9	−1·6	−7·7	**19·2**	−2·0	−14·3	−15·8	−19·5	−20·0	−32·5	−11·8	−35·5	−1·5	−23·3	7·4	−5·3	15·8	4·6	28·5	20·4
20	23·0	16·9	24·8	12·2	6·3	−2·1	−5·1	−17·9	−4·5	−20·3	−16·6	−30·5	−12·9	−34·7	2·4	−21·5	−6·9	−24·5	4·7	−6·9	15·3	8·2	28·2	22·4
21	29·3	13·1	21·6	15·0	13·0	0·4	−5·1	−16·7	14·9	−26·0	−23·6	−33·0	−19·7	−34·1	4·4	−16·5	12·1	−13·5	3·9	−12·5	18·0	8·5	28·8	19·2
22	30·4	14·4	23·0	17·6	**23·1**	6·4	5·1	−12·2	−14·3	−26·5	−20·8	**35·5**	−3·4	−33·8	4·5	−26·5	3·6	−7·0	1·9	−9·5	17·5	5·4	24·4	12·4
23	28·3	20·2	23·9	9·3	18·7	6·4	7·6	−2·7	−19·8	**28·5**	−22·9	−33·3	−5·5	−19·7	10·6	−5·3	6·6	−15·3	0·5	−14·4	10·9	6·1	23·1	13·0
24	31·0	21·5	16·6	6·6	18·3	7·9	11·3	5·3	−13·0	**−28·5**	−13·6	−27·9	**12·3**	−5·0	10·4	*−15·5*	**12·8**	−22·2	−0·4	−11·3	18·1	*7·6*	27·0	17·6
25	28·0	17·2	19·9	7·4	21·1	9·7	10·3	3·7	4·3	−14·0	11·6	−26·5	−0·3	−20·8	**15·2**	0·5	2·7	−20·5	3·4	−10·1	17·8	11·7	28·8	18·5
26	29·0	23·1	15·3	5·6	16·2	8·6	0·5	−12·1	**7·8**	−13·3	−11·0	−27·7	4·4	−20·7	9·4	−7·3	9·9	−9·0	7·1	−5·6	20·5	8·4	29·5	22·5
27	30·8	17·5	7·3	*0·0*	16·9	6·9	2·0	−11·7	6·6	−17·8	−22·3	32·7	−10·8	−23·9	−3·0	−17·3	9·1	*−14·0*	0·3	−6·6	20·9	13·2	30·0	17·8
28	26·5	17·8	4·9	**0·6**	13·3	1·6	6·0	−15·1	−17·7	−20·5	−7·7	28·5	−21·2	−30·0	−10·8	24·2	−1·4	−14·5	4·4	−8·6	19·8	14·1	33·4	18·8
29	27·1	20·5			9·3	0·4	0·9	13·2	−14·9	−23·5	21·0	−32·5	−9·3	−29·0	−15·2	−30·0	−6·4	17·0	6·0	−4·6	23·0	15·2	22·1	11·7
30	27·1	17·0			15·5	0·4	8·2	−7·2	−3·9	−23·3	−14·1	**−35·5**	−13·8	−31·8	−21·7	−34·1	−4·9	−21·1	8·9	−3·4	21·8	13·4	30·0	19·4
31	28·1	16·5			15·0	3·9			1·0	−10·4			−25·7	−37·7	−16·6	−32·5			8·6	0·4			23·9	17·3
Mean —	27·4	16·9	22·8	14·5	11·6	0·9	3·9	−6·8	−5·7	−16·2	−5·3	−18·2	12·3	−26·9	−11·9	−28·1	−6·1	−24·7	3·1	−11·2	17·5	7·3	26·3	16·7
Mean —	22·1		18·6		6·2		−1·4		−11·0		−11·8		−19·6		−20·0		−15·4		−4·0		12·4		21·5	
Mean Hourly Temp. —	—		18·7		7·2		1·1		−10·8		−13·5		−21·1		−21·1		−15·8		−3·5		12·4		22·0	

TABLE 7. TEMPERATURE—MAXIMUM AND MINIMUM, DAILY VALUES.

Thermometers read at 7 hrs. local time on the date shown in Column 1.

CAPE EVANS. Fahrenheit degrees.

1912.

Day.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	23·0	15·7	22·9	19·0	12·3	7·5	−0·9	−9·8	−18·0	*−21·0*	−5·0	−25·5	0·0	−15·7	9·3	−1·5	**15·9**	−1·7	−3·2	−17·1	*9·0*	**6·5**	27·5	23·5
2	21·1	**8·9**	**27·3**	17·8	15·7	−0·2	−2·4	−10·0	0·0	−17·5	−9·0	−29·5	9·0	−6·0	6·5	−8·0	13·8	−0·9	2·7	−15·0	*8·0*	*3·2*	31·1	26·2
3	20·1	11·1	23·9	17·4	7·4	0·2	−3·9	−11·9	4·3	−3·5	−17·0	30·0	10·2	*−10·0*	−4·0	−16·5	13·8	−13·2	−4·2	−17·5	*4·0*	−4·0	30·0	19·0
4	26·0	20·1	23·2	16·2	9·0	−0·8	7·1	*12·0*	9·0	*−1·0*	−15·0	−32·7	15·7	−7·0	2·1	−18·0	8·8	−12·2	−3·2	**19·8**	*3·0*	−5·0	32·5	22·1
5	**31·0**	22·6	27·1	17·5	10·3	1·2	−2·8	*11·6*	**14·0**	*−4·0*	−16·0	−29·8	13·9	*−2·0*	7·0	−5·0	1·3	−17·3	18·5	−3·0	*6·0*	−2·5	28·8	25·5
6	**31·0**	15·6	25·2	13·2	6·9	−1·9	−2·2	−13·8	**14·0**	*5·0*	−22·5	34·5	**15·9**	*11·7*	12·8	4·0	10·3	−13·0	21·5	9·0	*7·0*	−4·5	28·8	16·4
7	**31·3**	11·5	22·3	12·7	12·3	1·7	0·3	*−15·0*	9·0	−9·0	−18·0	−36·0	14·0	10·3	14·8	8·5	*−0·2*	−18·4	**24·1**	13·3	*7·0*	*0·0*	24·1	15·8
8	27·2	9·3	25·6	14·7	11·0	0·1	11·2	*11·3*	9·5	−9·5	−21·0	*−37·5*	12·5	*−1·0*	**17·8**	6·2	−7·5	−23·9	18·0	7·0	7·8	−5·5	28·0	20·3
9	25·5	14·3	26·4	12·8	5·2	−2·7	17·7	*3·0*	10·0	−12·0	2·0	*−25·0*	*12·0*	3·2	9·1	5·0	*−0·2*	−23·5	10·1	7·0	5·8	−5·0	25·1	20·4
10	25·9	11·5	24·0	9·7	1·7	−6·2	**17·8**	*7·5*	−6·0	−20·1	5·0	−7·5	9·5	−1·7	8·0	−9·0	−4·4	−18·7	5·9	−5·0	5·3	0·0	27·8	21·3
11	23·1	13·6	26·3	17·2	5·8	−6·0	11·5	*−7·0*	7·0	−20·0	4·5	−11·0	12·0	−2·0	5·8	−4·2	+10.8	−3·0	5·5	−14·0	7·8	1·5	27·8	21·3
12	24·0	15·3	19·3	5·2	−0·8	*−9·6*	3·7	*−5·0*	6·6	−20·0	12·0	2·0	5·0	−3·7	1·8	−14·8	−2·2	−17·2	−0·7	−8·9	15·8	1·2	*24·0*	**14.0**
13	24·4	12·3	22·8	13·2	3·4	12·3	1·0	*−10·0*	7·0	−13·0	18·0	4·5	2·8	−11·5	*5·5*	−15·5	−4·7	−15·2	9·3	−6·0	20·2	3·1	*26·0*	16·0
14	22·9	14·3	25·8	15·4	−0·6	−9·5	−6·9	*−18·1*	7·5	−16·0	**20·5**	1·0	−1·8	−20·5	7·8	−8·3	−2·5	−10·5	*3·0*	−10·3	16·0	5·1	24·6	15·8
15	24·8	17·6	27·2	19·0	4·9	−3·3	−13·0	*−22·0*	12·0	−13·5	15·0	1·0	−8·5	−21·5	14·8	9·0	2·8	−9·0	−4·5	−16·5	17·0	11·0	26·0	18·8
16	29·8	20·1	26·6	*9·8*	1·2	−11·9	−9·9	−14·7	8·0	−9·3	14·7	−9·5	−6·0	−28·5	14·8	−9·5	*5·0*	*−2·3*	8·1	−13·0	21·9	9·7	27·4	19·5
17	27·2	18·9	13·5	7·5	−4·0	−11·6	−8·1	−15·0	1·5	−10·0	0·0	−14·7	−5·0	−21·5	13·8	−10·0	3·8	−5·3	13·6	8·5	25·4	16·1	25·0	18·8
18	29·8	9·9	11·0	7·2	−4·8	−11·4	−10·7	−15·5	1·5	−14·0	1·3	−18·9	*−13·0*	−27·5	2·8	−6·5	−0·2	−13·1	17·5	10·8	27·8	17·0	25·8	15·0
19	20·8	9·7	10·8	0·7	−1·7	−13·9	−12·3	−19·0	−6·5	−29·5	−1·5	−16·0	−20·0	−33·2	1·8	−9·5	−0·9	−17·0	18·8	7·7	27·3	18·5	26·0	20·8
20	24·9	16·6	3·5	−0·8	−2·0	**−14·6**	10·1	−1·8	17·0	**−32·5**	−2·0	−24·0	*−16·0*	−29·7	−3·2	−18·0	−8·3	−19·3	13·0	5·0	27·8	22·3	27·9	22·8
21	28·0	13·4	1·9	*0·0*	2·6	−9·3	15·3	2·2	−18·7	−32·0	−9·0	18·0	*−13·0*	−32·5	−9·2	−18·0	−8·7	−21·0	*9·3*	*0·0*	*27·0*	*23·0*	29·9	23·6
22	26·8	12·4	5·5	1·4	*9·5*	−7·6	6·0	−9·5	−23·0	−31·0	−5·5	−27·0	*−19·5*	**−34·7**	−8·2	−14·0	−18·3	**−27·5**	8·5	0·0	28·3	21·0	31·7	16·0
23	21·2	14·4	13·2	5·5	9·9	−0·8	−6·2	−12·8	−19·0	−26·0	−6·0	−25·8	−2·9	−23·1	−4·2	−12·2	0·5	−24·0	3·3	−3·7	*30·0*	*23·0*	21·8	**14·0**
24	27·0	13·9	15·3	2·0	12·8	3·1	−6·8	*−20·0*	−9·0	*−18·5*	−1·0	10·0	−0·9	−15·5	−0·7	−12·5	2·8	−9·0	5·9	*3·0*	*23·5*	*15·5*	26·4	18·3
25	29·6	17·6	17·0	**−3·8**	**20·6**	*10·5*	*−12·0*	*−18·0*	2·0	−25·0	−2·5	*−13·3*	−2·2	−28·0	−0·7	−10·5	0·8	−10·4	8·8	−5·0	22·8	8·5	27·8	15·0
26	27·0	11·3	5·0	−1·8	14·8	*0·0*	−12·1	−24·6	1·5	−21·5	−5·5	−18·0	−6·7	*−34·5*	−10·7	−21·0	0·4	−14·0	4·0	−4·8	21·4	11·8	20·6	19·8
27	36·7	11·3	12·0	0·7	13·2	*1·0*	−16·6	*−23·0*	2·0	−21·0	2·0	*−7·0*	1·8	−29·0	−15·5	**−30·0**	−0·9	−18·1	6·3	−2·8	*28·0*	*19·5*	**33·6**	22·0
28	**39·9**	*23·0*	*12·0*	−1·3	*16·0*	*6·3*	−16·2	−25·4	3·5	−5·0	−2·0	−11·7	10·8	−15·0	−10·2	−29·5	3·1	−24·0	9·1	1·0	*31·0*	*22·5*	28·8	21·4
29	32·8	19·3	*9·5*	−2·8	15·3	*8·5*	−8·2	**−27·0**	3·0	−11·5	−1·0	−19·5	3·8	−18·2	−6·2	−25·8	−5·2	−20·2	8·8	−3·8	30·6	*28·0*	32·0	22·6
30	27·9	18·3			12·5	5·2	−7·0	−25·0	*−3·0*	−16·0	1·5	−15·0	10·8	−15·0	−11·7	−29·3	−6·2	−20·1	*4·0*	−6·0	**31·5**	24·0	33·0	24·3
31	27·2	20·4			10·0	*−1·0*			*−6·0*	−24·5			5·8	− 8·0	0·3	−21·5			*10·0*	−1·5			—	—
Mean — —	27·0	15·0	18·2	8·5	7·4	−3·0	−2·4	−3·2	−0·2	−16·3	2·2	−18·0	1·6	−15·2	2·3	−11·2	+0·8	−14·8	8·1	−3·3	18·1	9·1	27·7	19·7
Mean — —	21·0		13·4		2·2		−7·8		−8·2		−10·1		−6·8		−4·4		−7·0		2·4		13·6		23·7	
Mean Hourly Temp. —	21·3		12·9		2·6		−8·0		−7·6		−9·2		−5·7		−3·1		—		—		—		—	

TABLE 8. TEMPERATURE—MONTHLY MEAN VALUES OF MAXIMUM.

HUT POINT AND CAPE EVANS. Fahrenheit degrees.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1902	29·2*	21·4	13·1	−0·5	−7·0	−7·6	−2·8	−9·9	−4·6	−2·4	17·7	29·4
1903	31·9	17·8	5·6	−9·0	−7·7	−4·4	−10·8	−6·4	−10·3	−0·1	21·1	31·2
1911	27·4	22·8	11·6	3·9	−5·7	−5·3	−12·3	−11·9	−6·1	3·1	17·5	26·3
1912	27·0	18·2	7·4	−2·4	−0·2	−2·2	1·6	2·3	+0·8	8·1	18·1	27·7
Mean ...	28·9	20·0	9·4	−2·0	−5·2	−4·9	−6·1	−6·5	−5·1	2·2	18·6	28·6

* 1904.

TABLE 9. TEMPERATURE—MONTHLY MEAN VALUES OF MINIMUM.

HUT POINT AND CAPE EVANS. Fahrenheit degrees.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1902	16·8*	8·7	2·3	−14·7	−23·0	−26·3	−17·5	−24·9	−22·1	−17·4	5·8	17·5
1903	18·9	3·3	−9·1	27·4	−27·1	−27·0	−34·8	−30·8	−29·3	−16·4	6·9	19·2
1911	16·9	14·5	0·9	−6·8	−16·2	−18·2	−26·9	−28·1	−24·7	−11·2	7·3	16·7
1912	15·0	8·5	−3·0	−13·2	−16·3	−18·0	−15·2	−11·2	−14·8	−3·3	9·1	19·7
Mean ...	16·9	8·7	−2·2	−15·5	20·7	22·4	−23·6	−23·8	−22·7	−12·1	7·3	18·3

* 1904.

TABLE 10. TEMPERATURE- MONTHLY VALUES OF DAILY RANGE.

HUT POINT AND CAPE EVANS. Fahrenheit degrees.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1902	12·4*	12·7	10·8	14·2	16·0	18·7	14·7	15·0	17·5	15·0	11·9	11·9
1903	13·0	14·5	14·7	18·4	19·4	22·6	21·0	21·4	19·0	16·3	11·2	12·0
1911	10·5	8·3	10·7	10·7	10·5	12·9	11·6	16·2	18·6	11·3	10·2	9·6
1912	12·0	9·7	10·4	10·8	16·1	15·8	16·8	13·5	15·6	11·4	9·0	8·0
Mean ...	12·0	11·3	11·6	13·5	15·5	17·5	17·5	17·3	17·7	11·3	11·3	10·1
Amplitude ...	5·0	3·1	1·5	0·9	1·3	1·3	1·2	1·3	1·8	2·9	3·9	3·2
Reduced range	7·0	8·2	10·1	12·6	11·2	16·2	16·3	16·0	15·7	11·4	7·2	7·1

* 1904.

TABLE 11. TEMPERATURE—ABSOLUTE MAXIMUM.

HUT POINT AND CAPE EVANS.

Fahrenheit degrees.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1902... ...	+38·8*	+29·2	+27·5	+19·5	+17·0	+13·0	+15·0	+ 6·0	+15·0	+11·8	+27·8	+39·0	+39·0
1903... ...	+39·0	+32·2	+25·5	+ 2·0	+ 9·2	+17·0	+12·0	+11·8	+13·2	+12·0	+34·0	+12·0	+42·0
1911... ...	+32·9	+33·1	+23·1	+14·6	+ 7·8	+20·6	+12·3	+15·2	+12·8	+13·5	+26·8	+34·7	+34·7
1912... ...	+39·9	+27·3	+20·6	+17·8	+14·0	+20·5	+15·9	+17·8	+15·9	+24·1	+31·5	+33·6	+39·9
Four years ...	+39·9	+33·1	+27·5	+19·5	+17·0	+20·6	+15·9	+17·8	+15·9	+24·1	+34·0	+42·0	+42·0

* 1904.

TABLE 12. TEMPERATURE—ABSOLUTE MINIMUM.

HUT POINT AND CAPE EVANS.

Fahrenheit degrees.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1902... ...	+4·0*	−0·8	−13·2	−31·6	−39·5	−47·0	−38·0	−50·5	−43·5	−40·8	0·0	+ 1·2	−50·5
1903... ...	+9·0	−9·5	−20·0	−42·0	−51·2	−47·0	−54·2	−53·2	−58·5	−42·8	−5·5	+ 7·6	−58·5
1911... ...	+4·9	−0·6	−8·1	−19·2	−28·5	−35·5	−46·7	−39·3	−39·0	−23·2	−4·3	+ 8·4	−46·7
1912... ...	+8·9	−3·8	−14·6	−27·0	−32·5	−37·5	−34·7	−30·0	−27·5	−19·8	−6·5	+14·0	−37·5
Four years ...	+4·0	−9·5	−20·0	−42·0	−51·2	−47·0	−54·2	−53·2	−58·5	−42·8	−6·5	+ 4·2	−58·5

* 1904.

SECTION II.

WIND.

TABLES 13 to 33.

TABLE 13. WIND—HOURLY VALUES

FEBRUARY,

CAPE EVANS.

Local Time ...	23–24		0–1		1–2		2–3		3–4		4–5		5–6		6–7		7–8		8–9		9–10		10–11	
Standard Time	0–1		1–2		2–3		3–4		4–5		5–6		6–7		7–8		8–9		9–10		10–11		11–12	
Day	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	31	—	34	—	31	—	30	—	33	—	33	—	32	—	30	—	25	—	25	—	21	—	16	—
5	28	—	28	—	24	—	26	—	21	—	19	—	20	—	24	—	*5*	—	*5*	—	*5*	—	*5*	—
6	*5*	*SE*	*5*	*SE*	24	*SE*	27	*SE*	35	*SE*	35	*SE*	34	*SE*	34	*SE*	40	*SE*	37	*SE*	44	SE	45	SE
7	42	ESE	42	SE	39	SE	40	SE	44	ESE	46	SE	44	SE	42	ESE	42	ESE	37	SE	31	SE	34	ESE
8	22	SE	21	SSE	19	SSE	19	SSE	20	SE	25	SE	24	SE	17	ESE	17	ESE	14	SE	12	ESE	12	ESE
9	8	SE	9	SSE	12	SE	11	SE	16	SE	10	SE	11	SE	15	SE	19	SE	25	SE	24	SE	26	SE
10	*5*	SE	*5*	SE	*5*	SE	12	SSE	17	SSE	16	SE	11	ESE	6	E	*5*	SSE	*5*	SSE	*5*	SSE	*5*	var. about SE
11	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	var. about ESE	*5*	SE	*5*	SE	*5*	var.
12	23	SE	25	SE	27	SE	29	SE	28	SE	33	SE	31	SE	33	SE	33	SE	33	ESE	29	ESE	30	SE
13	37	SE	35	SE	39	ESE	38	ESE	42	SE	30	—	24	—	24	SE	28	SE	30	SE	25	SE	27	SE
14	23	SSE	24	SE	21	SSE	19	SSE	15	SSE	15	SSE	*5*	SSE	*5*	var.	*5*	var.	17	SE	14	SE	10	var.
15	*5*	SE	*5*	SE	*5*	SE	*5*	SE	*5*	SE	*5*	SE	*5*	SE	*5*	SE	8	SSE	10	SSE	12	SSE	13	SSE
16	18	SE	18	SSE	17	SSE	17	SE	17	SSE	18	SSE	17	SSE	16	SSE	16	SSE	14	SSE	12	SSE	10	SSE
17	12	*N*	13	*N*	16	*N*	14	*N*	12	*N*	8	SSE	22	SSE	29	SE	30	SE	26	SE	27	SE	27	SE
18	37	ESE	40	ESE	40	ESE	40	ESE	42	ESE	44	ESE	41	ESE	42	ESE	44	ESE	47	ESE	44	ESE	45	ESE
19	31	SSE	31	SE	32	SE	34	SE	33	SE	33	SE	35	SE	37	SE	37	SE	36	SE	37	SE	34	SE
20	27	SE	31	SE	31	SE	30	SE	28	SE	30	—	31	—	31	ESE	29	—	31	—	29	SE	27	ESE
21	11	S	16	ESE	22	SE	24	SE	27	SSE	29	SE	25	ESE	27	SE	25	SE	19	SE	17	SE	21	SSE
22	16	N	18	N	16	*N*	17	N	13	N	8	N	8	N	*5*	NNE	—	NNE	—	NE	—	N	—	N
23	—	SE	—	SE	—	SE	—	SE	—	SE	—	SE	—	SE	—	SE	*13*	SE	*15*	SE	*17*	SSE	*19*	SSE
24	11	*SE*	10	*SE*	7	*SE*	6	*SE*	6	*SE*	2	*var.*	2	*var.*	2	*var.*	2	*var.*	2	*var.*	2	*var.*	4	*var.*
25	30	SE	30	SE	27	SE	27	SE	30	SE	30	SE	32	SE	33	SE	32	SE	30	SE	29	SSE	20	SSE
26	19	SE	25	SE	27	SE	28	SSE	25	SSE	36	SE	42	SE	51	SE	51	SE	53	SE	49	SE	51	SE
27	47	*SE*	50	*SE*	52	*SE*	49	*SE*	43	*SE*	46	*SE*	46	*SE*	47	*SE*	44	*SE*	38	*SE*	47	*SE*	49	SE
28	56	SE	56	SE	55	SE	58	SE	58	SE	58	SE	61	SE	57	SE	58	SE	56	SE	55	SE	49	SE
Mean	22·9		24·6		24·7		25·2		25·7		25·6		25·4		25·7		25·5		25·4		24·7		24·3	

* Mean for whole month from

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	—	1
— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	—	2
21 —	19 —	21 —	18 —	18 —	19 —	18 —	18 —	30 —	33 —	33 —	31 —	—	3
18 —	20 —	16 —	16 —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	20 —	19	4
5 —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	*5* —	11	5
42 SE	42 SE	42 SE	44 SE	48 ESE	50 ESE	44 SE	42 SE	15 SE	44 SE	42 SE	44 SE	38	6
35 ESE	30 SE	31 SSE	34 SE	30 SE	30 SE	30 SE	*29* ESE	*28* SE	*27* SE	*26* SE	25 SE	35	7
8 SE	*5* SE	*5* SE	*5* SSE	*5* SE	*5* ESE	*5 N*	*5 N*	*5 N*	*5* var.	*5* var.	*5* SE	12	8
25 SE var.	24 SE var.	18 SE var.	9 SE var.	8 SSE var.	12 SE var.	25 SE var.	25 SE var.	22 SE var.	17 SE var.	14 SE var.	6 SE var.	16	9
5 about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	*5* about SE	7	10
5 var.	*5* var.	*5* SE	*5* SE	*5* SE	9 SE	11 SE	13 SE	16 SE	16 SE	17 SE	24 SE	8	11
30 SSE	27 SSE	29 SSE	34 SE	32 SE	38 ESE	39 ESE	28 SSE	25 SE	35 SE	36 SSE	38 SSE	31	12
25 SE	24 ESE	22 SE	21 SE	22 SSE	20 SSE	22 SSE	25 SSE	16 SSE	13 SSE	15 SSE	24 SSE	26	13
15 var.	9 var.	*5* var.	9 SSE	13 SE	16 SE	16 SE	15 SE	13 SE	11 SE	*5* SE	*5* SE	13	14
19 SE	19 SE	24 SE	30 SE	28 SE	30 SE	30 SE	27 SE	26 SE	24 SE	23 SSE	21 SSE	16	15
8 SSE	*5* SSE	*5 SSE*	*5 SSE*	*5 SE*	*5 SE*	*5 SSE*	*5 NE*	*5 N*	*5 N*	*5 N*	*5 N*	11	16
25 ESE	23 ESE	19 ESE	17 SSE	18 SSE	14 S	13 SE	10 SE	18 SE	27 SE	30 SE	33 ESE	20	17
41 SE	35 SE	33 SE	33 SE	33 SE	34 SE	34 SE	36 SE	36 SE	31 SE	30 SE	28 SSE	38	18
32 SE	29 SE	33 SE	30 SE	31 SE	33 SE	33 SE	30 SE	31 SE	30 SE	30 SE	27 SE	32	19
27 SE	29 SE	28 SE	30 SE	28 SE	27 ESE	30 ESE	28 ESE	28 SE	19 SE	21 ESE	8 S	27	20
19 SE	18 SSE	8 SSE	*5* S	*5* SW	*5* NW	*5* N	*5* N	8 N	18 N	19 N	24 N	17	21
— SSE	— SE	— SE	— SE	— SE	— SE	— SE	— SE	— SE	— SE	— SE	— SE	13	22
21 SSE	24 SE	22 SE	23 SE	23 SE	23 SE	27 SE	21 SE	19 SE	16 SE	13 SE	13 SE	19	23
4 *var.*	4 *var.*	4 SSE	4 SSE	10 SSE	15 SSE	18 SE	18 SE	19 SE	30 SE	33 SE	30 SE	10	24
18 SSE	13 SSE	19 SSE	22 SSE	25 SSE	23 SSE	19 SSE	22 SE	19 SE	18 SE	21 SE	15 SE	24	25
58 SE	55 SE	52 SE	54 SE	52 SE	55 SE	52 SE	55 SE	56 SE	54 SE	51 SE	52 SE	46	26
55 SE	51 SE	52 SE	55 SE	57 SE	54 SE	54 SE	54 SE	52 SE	52 SE	55 SE	55 SE	50	27
46 SE	43 SE	39 SE	33 SE	32 SE	30 SE	26 SE	25 SE	19 SE	10 SE	10 SSE	10 SSE	42	28
24·4	22·7	21·7	22·0	21·9	22·6	23·0	22·2	21·7	21·5	21·5	21·8	23·6*	

standard anemometer = 22·7.

TABLE 13. WIND—HOURLY VALUES

MARCH,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5·6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	10 SSE	7 SSE	10 SSE	8 SSE	9 SSE	7 SSE	8 SSE	9 SE	7 SSE	9 SSE	9 SSE	9 SSE
2	32 SE	30 SE	32 SE	31 SE	33 SE	41 SE	43 SE	44 SE	40 SE	40 SE	41 SE	40 SE
3	46 SE	49 SE	51 SE	46 SE	47 SE	45 SE	41 SE	37 SE	37 SE	30 SE	18 SE	19 SE
4	26 SE	32 SE	46 SE	51 SE	52 SE	51 SE	52 SE	52 SE	49 SE	47 SE	51 SE	49 SE
5	35 SE	35 SE	34 SE	36 SE	37 SE	36 SE	41 SE	44 SE	44 SE	43 SE	41 SE	40 SE
6	22 SE	20 SE	26 SE	28 SE	24 SE	24 SE	26 SE	27 SE	23 SE	24 SE	28 SE	32 SE
7	19 SE	18 SE	19 SSE	22 SSE	21 SSE	19 SSE	18 SSE	15 SSE	13 SSE	14 SSE	15 SSE	9 SE
8	20 SE	33 SE	31 SE	29 SE	30 SE	27 SE	22 SE	11 SE	8 *SE*	12 *SE*	7 S	9 N
9	4 *N*	7 *N*	13 *N*	13 *N*	15 *N*	13 *N*	16 *N*	16 NNW	13 N	16 *N*	21 N	19 N
10	7 SE	9 SE	16 SE	19 SE	23 SE	19 SE	15 SSE	19 SSE	12 SSE	15 SSE	20 SSE	18 SSE
11	29 SSE	26 SSE	26 SSE	26 SE	35 SSE	35 SE	32 SSE	29 SSE	38 SE	33 SE	15 SE	21 SE
12	3 SSE	7 SE	11 SE	10 SE	7 SE	10 SE	13 SE	18 SSE	24 SSE	26 SE	35 SE	40 SE
13	44 SE	47 SE	43 SE	49 SE	44 SE	43 SE	43 SE	41 SE	43 ESE	38 ESE	37 ESE	40 ESE
14	16 SE	16 SE	33 ESE	35 ESE	32 ESE	33 ESE	34 ESE	33 ESE	35 SE	38 SE	38 ESE	36 ESE
15	39 SSE	47 SE	41 SE	33 SE	27 SE	38 SE	35 SSE	35 SE	26 ESE	30 SE	33 SE	31 SSE
16	9 —	8 —	5 ESE	9 ESE	11 SE	16 SSE	22 SE	27 SE	21 SSE	20 SE	13 SE	7 N
17	34 N	24 N	16 ESE	31 ESE	34 ESE	35 SE	38 SE	36 ESE	39 ESE	40 SE	38 SE	40 SE
18	34 SE	28 SE	29 SE	29 SE	26 SE	29 SE	28 SE	30 SE	28 SE	35 ESE	34 ESE	35 ESE
19	35 SE	41 SE	44 SE	39 SE	37 SE	28 SE	30 SE	36 SE	33 SE	37 SE	35 SE	31 SE
20	29 SE	29 SE	30 SE	28 SE	26 SE	27 SE	27 SE	27 SE	25 SE	29 SE	25 SE	34 ESE
21	49 ESE	52 ESE	49 ESE	57 ESE	50 ESE	50 ESE	50 ESE	54 ESE	54 SE	54 SE	45 SE	45 SE
22	17 —	5 —	4 —	11 —	9 —	8 —	5 —	7 *N*	12 *N*	11 *N*	11 *N*	11 *N*
23	33 SE	28 SE	34 SE	38 SE	41 SE	42 SE	42 SE	45 SE	45 SE	42 ESE	39 ESE	33 SE
24	23 SE	22 SE	21 SE	17 SE	10 SE	8 SE	5 —	4 —	2 —	2 —	11 E	17 ESE
25	10 ESE	14 ESE	16 ESE	22 ESE	22 SE	14 *N*	17 *N*	8 *N*	7 *N*	10 *N*	8 *N*	6 *N*
26	5 *S*	8 *SSE*	6 *SSE*	8 *SE*	7 *SE*	13 *SE*	11 *ESE*	5 *E*	2 *SSE*	2 SSE	14 SE	16 SSE
27	9 N	13 N	15 N	9 N	4 —	2 —	7 —	6 ESE	13 SE	3 SE	8 SE	17 SE
28	24 SSE	21 SSE	21 SE	24 SE	23 SSE	28 SE	39 ESE	43 ESE	41 SE	36 SE	37 SE	31 SE
29	3 *SE*	4 *SE*	4 *NE*	5 *N*	2 *N*	2 *SSW*	2 *S*	2 —	2 —	2 —	4 —	4 —
30	39 ESE	45 ESE	43 ESE	41 ESE	37 SE	46 SE	43 SE	39 SE	43 SSE	41 SSE	40 SSE	42 SSE
31	19 SSE	23 SSE	24 SSE	36 SE	41 SE	38 SE	44 SE	33 SSE	24 SE	32 SE	34 SE	34 ESE
Mean	23·4	24·1	25·6	27·1	26·3	26·7	27·4	26·9	25·9	26·2	26·0	26·3

1911.

V = Velocity in miles per hour
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
9 SSE	13 SE	15 SE	14 SE	20 SE	22 SE	29 SE	32 SE	37 SE	33 SE	31 SE	33 SE	16	1
37 SE	32 SE	33 SE	32 SE	34 SE	35 SE	39 SE	43 SE	41 SE	43 SE	43 SE	43 SE	38	2
13 SE	4 SE	15 SE	15 SE	9 SE	9 SE	16 SE	13 SE	13 SE	13 SE	21 SE	21 SE	26	3
47 SE	48 SE	47 SE	16 SE	48 SE	51 SE	44 SE	47 SE	44 SE	43 SE	38 SE	38 SE	48	4
38 SE	40 SE	41 SE	41 SE	43 SE	46 SE	43 SE	41 SE	39 SE	37 SE	27 SE	21 SE	39	5
27 SSE	24 SSE	27 SE	26 SE	26 SE	24 SE	24 SE	23 SE	18 SE	26 SE	24 SE	26 SE	25	6
9 SE	15 SE	15 SE	10 SE	7 *ESE*	5 *ESE*	6 *ESE*	6 *ESE*	6 *ESE*	6 ESE	7 ESE	12 SE	13	7
9 N	10 N	19 N	21 N	24 N	26 N	26 N	19 N	14 NNW	9 NNW	13 NNE	9 NNE	19	8
19 N	18 NW	9 N	10 *var.*	4 *var.*	4 *var.*	5 *var.*	7 *var.*	7 *var.*	6 *var.*	7 *var.*	6 *var.*	11	9
23 SE	25 SE	27 SE	30 SE	30 SE	30 SE	30 SE	29 SE	26 SE	32 SE	29 SE	21 SE	22	10
35 SE	37 SE	33 SE	30 SE	27 SE	27 SSE	20 SSE	12 SSE	10 SE	13 SE	10 SE	7 S	26	11
49 SE	51 SE	55 SE	55 SE	52 SE	52 SE	52 SE	49 SE	51 SE	50 SE	47 SE	47 SE	35	12
38 ESE	41 ESE	38 ESE	44 ESE	41 ESE	35 ESE	34 ESE	37 ESE	33 ESE	30 ESE	27 ESE	19 ESE	40	13
40 SE	41 SE	40 SE	47 SE	50 SSE	43 SSE	41 SE	37 SE	25 SSE	21 SSE	31 SSE	30 SE	35	14
29 ESE	26 ESE	24 SE	24 SSE	19 SSE	17 SSE	10 SSE	8 ESE	7 —	6 —	8 —	9 —	26	15
7 N	10 N	13 N	17 N	21 N	24 N	29 N	28 N	34 N	36 N	41 N	36 N	19	16
42 SE	42 ESE	40 SE	38 SE	35 ESE	30 SE	29 ESE	27 ESE	32 SE	33 SE	30 SE	31 ESE	34	17
38 SE	40 SE	42 SE	48 ESE	43 SE	44 ESE	43 ESE	44 ESE	37 SE	35 SE	26 SE	26 SE	35	18
30 SE	30 SE	28 SE	29 SE	28 SE	30 SE	30 SE	33 SE	31 SE	33 SE	29 SE	26 SE	33	19
38 ESE	39 SE	42 ESE	35 SE	34 SE	35 ESE	36 ESE	40 ESE	44 ESE	44 ESE	46 ESE	45 ESE	35	20
44 SE	44 SE	41 SE	34 SE	32 SE	34 SE	29 SE	28 SE	28 SE	27 SE	28 SE	29 SE	42	21
7 *N*	5 SE	5 SE	9 SE	13 SE	11 SE	12 SSE	13 SSE	11 SSE	15 SSE	16 SE	20 SE	11	22
23 ESE	24 SSE	24 SE	25 SE	25 SE	27 SE	28 SE	28 SE	23 SE	26 SSE	26 ESE	24 SE	31	23
6 —	4 —	4 —	19 ESE	29 ESE	34 ESE	30 ESE	28 ESE	27 ESE	22 ESE	21 ESE	10 ESE	16	24
10 *N*	7 *N*	4 *N*	4 *N*	6 *N*	9 *N*	7 *N*	8 *N*	10 *N*	3 *N*	2 *N*	2 *N*	9	25
20 SSE	20 SSE	23 SE	27 SE	27 SE	27 SSE	27 SSE	26 SSE	22 SE	29 SE	15 SE	7 N	15	26
15 SE	13 SE	9 SE	10 N	11 S	7 SE	8 SE	10 SE	20 SE	23 SE	24 SE	25 SE	11	27
20 SE	11 SE	21 var.	19 var.	8 var.	11 S	8 S	7 S	5 *S*	4 *S*	2 *SSE*	3 *SE*	20	28
2 —	3 SE	9 SSE	23 SSE	30 SSE	33 SSE	33 SSE	36 SE	37 SE	38 SE	37 ESE	38 ESE	15	29
32 SE	16 ESE	7 var.	7 var.	7 var.	3 var.	4 var.	3 var.	4 var.	3 var.	5 var.	19 SSE	25	3
32 ESE	30 SE	36 ESE	34 SE	32 SE	33 SE	31 SE	32 ESE	33 SE	32 SE	31 SE	30 SE	32	31
25·4	24·6	25·4	26·6	26·3	26·4	25·9	25·6	24·8	24·9	24·0	23·0	25·6	

CAPE EVANS. APRIL,

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	24 SE	21 ESE	14 SE	26 SSE	31 SE	40 SE	42 SE	36 SE	31 SE	19 SE	8 SE	4 *SE*
2	2 *N*	4 *N*	5 *N*	5 *N*	5 *N*	8 *N*	12 *N*	14 *N*	17 *N*	9 *N*	7 *N*	5 *N*
3	17 SE	9 SE	9 SE	17 SE	19 SE	15 SE	12 SE	12 SE	12 SE	13 SE	11 SE	15 SE
4	7 SSE	9 SSE	7 *var.*	2 *var.*	2 *var.*	4 *var.*	10 N	18 N	14 N	16 N	18 N	6 N to SSE
5	4 —	2 —	2 —	2 —	2 —	3 —	4 —	4 —	3 —	3 —	2 —	2 —
6	8 N	17 N	20 N	26 N	24 N	25 N	23 N	24 N	20 N	16 N	19 N	22 N
7	18 —	7 —	4 —	2 —	2 —	2 —	3 —	4 —	3 —	4 —	3 —	5 —
8	6 N	9 N	25 SE	30 SE	30 SE	36 SE	36 SE	39 SE	37 SE	32 SE	34 SE	35 SE
9	23 SE	20 SE	20 SE	16 SE	11 ESE	14 ESE	16 ESE	20 ESE	24 SE	31 SE	29 SE	27 SE
10	17 *N*	14 *N*	15 *N*	17 *N*	18 *N*	18 *N*	13 *N*	4 SSE	9 SSE	20 SE	22 SE	23 SE
11	7 N	8 N	8 N	7 N	6 N	5 N	2 N	2 NNE	4 NE	4 E	4 SE	5 SE
12	13 N	10 N	5 N	3 N	13 SE	29 SE	41 SE	41 SE	46 SE	46 SE	44 SE	42 SE
13	38 SE	37 SE	35 SE	31 SE	29 SE	28 SE	34 SE	22 SE	18 SE	20 ESE	11 ESE	11 ESE
14	2 —	2 —	5 NNW	8 NNW	14 NNW	15 NNW	11 NNW	8 SW	7 —	4 —	2 —	3 —
15	20 SE	22 SE	22 SE	22 SE	18 SE	13 SE	14 SE	17 SE	15 SE	20 SE	21 SE	19 SE
16	28 SE	32 SE	29 SE	28 SE	33 SE	42 SE	36 SE	35 SE	34 SE	35 SE	23 SE	16 SE
17	26 N	23 N	19 N	20 N	23 NNW	24 NNW	25 NNW	29 NNW	23 NNW	26 N	21 N	19 N
18	8 SE	13 SE	16 SE	18 SE	23 SE	26 SE	27 SE	23 SE	17 *SE*	8 *SE*	18 *SE*	25 *SE*
19	3 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —
20	42 ESE	41 ESE	40 ESE	40 ESE	39 ESE	44 SE	40 SE	39 SE	37 SE	41 SE	42 SE	39 SE
21	31 SE	28 SE	28 SE	29 SE	19 SE	13 SE	11 SE	28 SE	30 SE	33 SE	30 SE	31 SE
22	28 ESE	25 ESE	26 ESE	29 ESE	31 ESE	30 SE	27 SE	24 SE	21 SE	16 SE	16 SE	6 SE
23	29 SE	25 SE	16 SE	13 SE	10 SE	18 SE	26 SE	28 ESE	33 ESE	33 ESE	28 ESE	26 ESE
24	3 —	6 —	12 N	13 N	7 N	5 —	3 —	3 —	3 SE	3 SE	3 SE	5 SE
25	13 N	9 N	12 N	14 N	21 N	21 N	20 N	8 N	3 SE	3 SE	2 SE	4 SE
26	C	C	C	C	C	2 —	4 S	4 S	4 S	4 —	4 —	5 —
27	10 SE	5 SE	6 SE	17 SE	9 *SE*	7 *SE*	8 *SE*	6 *SE*	3 —	3 —	5 *SE*	5 *SE*
28	3 —	2 —	3 —	3 —	4 —	4 —	4 —	C	C	C	5 N	5 N
29	5 SE	6 SE	5 SE	5 SE	4 —	4 —	C	C	C	C	C	2 —
30	22 SE	15 SE	11 SSE	10 SSE	4 S	C	C	C	C	C	C	C
Mean	15·2	14·1	14·0	15·2	15·1	16·6	16·9	16·5	15·7	15·5	14·5	13·8

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
4 *SE*	5 N	9 N	8 N	8 N	10 N	16 N	21 N	23 N	14 N	6 W	3 W	18	1
4 *E*	3 *E*	3 *SE*	8 *SE*	17 SE	18 SE	16 SE	13 SE	10 SE	11 SE	19 SE	21 SE	10	2
21 SE	22 SSE	14 SSE	11 SSE	11 SSE	11 SSE	18 SSE	12 SSE	6 SSE	4 SSE	5 SSE	5 SSE	13	3
18 SSE to N	23 N	22 N	21 N	16 N	10 N	5 *var.*	11 SSE	8 NNW	7 var.	7 —	5 —	11	4
2 —	5 N	8 N	4 N	10 N	9 N	14 N	16 N	16 N	17 N	14 N	13 N	7	5
21 N	20 N	23 N	23 N	28 N	26 N	33 N	26 N	26 N	26 N	29 N	30 N	23	6
25 N	20 N	21 N	15 N	22 N	11 N	6 ESE	4 —	4 —	6 —	9 SE	12 SE	9	7
35 SE	32 SE	38 ESE	34 ESE	31 SE	29 SE	28 SE	25 SE	24 SE	25 SE	29 SE	27 SE	29	8
23 SE	20 SE	19 SE	16 SE	7 N	11 N	17 N	16 N	17 N	20 N	23 N	20 N	19	9
29 SE	24 SE	23 SE	30 SE	19 SE	8 SE	5 SE	7 N	4 N	5 N	5 N	8 N	15	10
4 SE	3 SE	4 SE	5 SE	4 SE	4 SE	6 N	14 N	16 N	13 N	13 N	16 N	7	11
48 SE	49 SE	53 SE	53 SE	55 SE	52 SE	50 SE	49 SE	44 SE	41 SE	38 SE	36 SE	38	12
5 ESE	13 NNE	22 NNE	16 NNE	17 N	19 N	26 N	25 NNW	19 NNW	17 NNW	15 NNW	4 NNW	21	13
4 —	6 SE	13 SE	13 SE	15 SE	17 SE	20 SE	20 SE	20 SE	18 SE	20 SE	17 SE	11	14
25 SE	34 SE	34 SE	32 SE	31 SE	29 SE	28 SE	32 SE	30 SE	31 SE	28 SE	25 SE	24	15
13 SE	18 SE	28 SE	24 SE	26 var.	24 var.	8 var.	7 var.	15 NNW	10 NNW	20 NNW	29 NNW	25	16
20 N	23 N	20 N	18 N	15 N	13 N	11 NNE	8 NNE	4 NNE	3 SE	2 SE	2 SE	17	17
30 *SE*	25 *SE*	13 *SE*	7 *SE*	7 *SE*	7 *SE*	4 —	3 —	4 —	5 —	2 —	5 —	14	18
3 —	4 —	16 SE	37 SE	36 SE	25 SE	31 SSE	39 SE	41 SE	33 SE	38 ESE	40 SE	15	19
39 SE	41 SE	38 SE	36 SE	37 SE	34 SE	29 SE	28 SE	29 SE	28 SE	30 SE	29 SE	37	20
36 SE	34 SE	29 ESE	25 ESE	27 SE	30 SE	33 SE	29 SE	28 SE	31 SE	31 ESE	28 ESE	28	21
3 SE	5 SE	4 —	3 —	4 —	4 —	5 —	10 ESE	18 ESE	28 ESE	35 SE	23 SE	18	22
23 ESE	22 ESE	30 ESE	33 ESE	37 ESE	27 ESE	29 ESE	29 SE	24 SE	20 SE	10 SE	5 SE	24	23
5 SE	3 SE	3 —	3 —	4 NE	5 NE	4 SE	5 SE	4 SE	4 N	6 N	16 N	5	24
5 SE	6 SE	5 SE	5 SE	C	C	C	C	3 —	C	C	C	6	25
3 —	C	C	C	C	2 —	4 —	4 —	4 —	4 —	5 —	6 SE	3	26
4 *SE*	5 *SE*	11 *SE*	11 *SE*	12 *SE*	11 *SE*	12 *SE*	12 *SE*	8 *SE*	5 *SE*	3 —	2 —	8	27
5 N	6 N	7 N	8 N	6 N	6 N	9 NW	4 NW	3 var.	5 var.	14 NW	4 SE	5	28
6 —	9 —	37 SE	43 SE	35 ESE	31 ESE	33 SE	33 SE	27 SE	28 SE	26 SE	25 SE	15	29
C	C	C	C	C	C	2 —	3 —	4 —	3 —	12 N	10 N	4	30
15·4	16·0	18·2	18·1	17·9	16·1	16·7	16·8	16·1	15·4	16·5	15·5	15·9	

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7·8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	7 —	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	1 —	3 —	2 —	C	C	C	2 var.	5 var.	6 var.
3	4 —	C	C	C	C	C	C	C	C	4 —	5 —	5 —
4	3 W	C	C	4 —	2 —	C	C	C	C	C	C	C
5	13 N	14 N	4 —	6 —	8 —	6 —	C	C	C	C	C	C
6	C	C	C	4 —	4 —	2 —	C	C	C	C	C	C
7	4 N	3 N	4 SE	4 SE	6 N	8 N	17 N	C	C	3 —	5 —	3 —
8	7 —	4 —	2 —	2 —	4 —	5 —	4 —	C	C	C	C	10 N
9	C	C	C	C	C	C	C	C	C	6 *SE*	6 *SE*	7 *SE*
10	14 SE	17 SE	14 SE	14 SE	20 SE	8 SE	3 —	4 —	7 SE	14 SE	19 SE	13 SE
11	C	C	C	C	C	C	C	C	C	C	C	C
12	38 SE	36 SE	45 SE	48 SE	51 SE	48 SE	48 SE	51 SE	51 SE	54 SE	54 SE	52 SE
13	15 SE	8 SE	9 SE	5 SE	4 SE	C	C	C	C	C	C	C
14	3 —	3 —	4 —	4 —	4 —	5 —	9 SE	11 SE	8 SE	7 SE	8 SE	7 SE
15	C	C	C	C	C	C	C	C	13 *NNW*	20 *NNW*	21 *NNW*	29 *NNW*
16	31 *NNW*	32 *NNW*	36 *NNW*	39 *NNW*	33 *NNW*	27 *NNW*	24 *NNW*	21 *NNW*	24 *NNW*	20 *NNW*	19 *NNW*	11 *NNW*
17	45 *ESE*	42 *ESE*	42 *ESE*	42 *ESE*	42 *ESE*	43 *ESE*	41 *ESE*	42 *ESE*	39 *ESE*	36 *ESE*	30 *ESE*	30 *ESE*
18	23 *NNW*	20 *NNW*	18 *NNW*	17 *NNW*	20 *NNW*	25 *NNW*	29 *NNW*	25 *NNW*	16 *NNW*	16 *NNW*	18 *NNW*	12 *NNW*
19	38 *SE*	35 *SE*	33 *SE*	36 *SE*	36 *SE*	33 *SE*	28 *SE*	20 *SE*	9 *SE*	5 *var.*	4 *var.*	5 *var.*
20	5 —	4 —	4 —	4 —	5 —	10 SE	14 SE	16 SE	15 SE	18 SE	18 SE	10 SE
21	5 —	2 —	2 —	6 —	24 NNW	27 NNW	33 NNW	36 NNW	32 NNW	28 NNW	30 NNW	26 NNW
22	5 —	5 —	3 —	5 —	5 —	5 —	4 —	6 —	12 —	8 —	10 —	6 —
23	C	C	C	C	C	C	C	C	C	C	C	3 —
24	16 N	20 N	22 N	21 N	18 N	18 N	24 NNW	24 NNW	19 NNW	14 NNW	14 N	18 N
25	13 NW	17 NW	16 NW	16 NW	19 NW	9 NW	5 NW	14 ESE	38 ESE	31 ESE	30 ESE	35 ESE
26	41 ESE	36 ESE	18 *ESE*	14 *ESE*	14 *ESE*	20 *ESE*	14 *ESE*	7 *ESE*	4 —	2 —	2 —	3 —
27	20 ESE	13 ESE	8 —	9 —	4 —	C	C	C	C	4 ESE	26 ESE	29 ESE
28	26 ESE	21 ESE	20 ESE	11 ESE	7 ESE	7 —	10 —	3 —	C	C	5 —	C
29	C	C	C	C	C	C	C	C	C	C	C	C
30	5 —	8 —	4 —	4 —	4 —	5 —	5 —	4 —	7 —	4 —	3 —	3 —
31	2 —	5 SE	8 SE	6 SE	8 SE	8 SE	3 SE	5 SE	10 SE	16 ESE	22 ESE	21 ESE
Mean	12·4	11·1	10·2	10·4	11·1	10·4	10·2	9·3	9·8	10·1	11·4	11·1

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
C	C	C	C	C	C	C	C	C	C	C	C	0	1
11 var.	30 var.	22 var.	23 var.	8 var.	C	C	C	C	C	C	2 —	5	2
6 NW	4 NW	C	C	C	6 —	7 —	10 SE	12 var.	36 W	31 W	20 W	6	3
C	2 N	7 N	8 N	6 N	C	C	10 N	16 N	10 N	11 N	11 N	4	4
C	C	C	C	C	C	C	C	C	C	C	C	2	5
6 N	7 N	5 N	7 N	5 N	4 N	6 N	9 N	12 SE	14 SE	15 SE	15 SE	5	6
5 —	4 —	3 —	3 —	2 —	3 —	3 —	3 —	4 N	4 N	5 N	6 N	4	7
10 N	7 N	6 N	5 —	5 —	2 —	2 —	4 —	C	C	C	C	3	8
7 *SE*	6 *SE*	4 *SE*	5 *SE*	7 *SE*	8 SE	10 SE	16 SE	15 SE	20 SE	19 SE	17 SE	6	9
12 SSE	9 SSE	10 SSE	8 SSE	8 SSE	C	C	C	C	C	C	C	8	10
C	3 —	11 —	11 —	2 —	2 —	7 SE	23 SE	24 SE	28 SE	28 SE	32 SE	7	11
49 SE	49 SE	43 SE	45 SE	48 SE	48 SE	43 SE	41 SE	38 SE	28 SE	22 SE	21 SE	44	12
C	C	2 —	2 —	4 —	6 SE	4 SE	7 SE	7 SE	8 SE	8 SE	6 SE	4	13
5 —	5 —	5 —	4 —	4 —	4 —	4 —	4 —	4 —	2 —	2 —	6 —	5	14
31 NNW	32 NNW	40 NNW	39 NNW	37 NNW	34 NNW	36 NNW	35 NNW	34 NNW	30 NNW	36 NNW	34 NNW	21	15
6 NNW	3 —	5 —	6 —	14 *ESE*	25 *ESE*	35 *ESE*	36 *ESE*	37 *ESE*	41 *ESE*	40 *ESE*	38 *ESE*	25	16
32 *ESE*	40 *ESE*	45 *ESE*	39 *ESE*	30 *ESE*	12 *ESE*	4 *var.*	4 *var.*	4 *NNW*	10 *NNW*	30 *NNW*	35 *NNW*	32	17
7 *NNW*	7 *NNW*	8 *NNW*	8 *NNW*	7 *NNW*	5 —	7 *SE*	26 *SE*	30 *SE*	35 *SE*	34 *SE*	36 *SE*	19	18
12 *N*	13 *N*	9 *N*	6 *N*	3 —	5 NW	21 NW	26 NW	27 NW	24 NW	13 NW	3 —	19	19
7 ESE	22 ESE	30 ESE	34 ESE	35 ESE	38 ESE	31 ESE	35 ESE	25 ESE	18 ESE	16 ESE	10 ESE	18	20
11 NNW	9 SSW	17 SSW	9 SSW	7 —	5 —	3 —	3 —	4 —	4 —	4 —	4 —	14	21
C	C	C	C	C	C	C	C	C	C	C	C	3	22
12 SE	21 SE	25 SE	22 SE	18 SE	16 SSE	8 SSE	C	C	C	C	17 N	6	23
15 N	17 N	25 N	22 N	29 N	34 N	28 N	27 N	28 N	32 N	25 N	22 N	22	24
36 ESE	39 ESE	40 ESE	36 ESE	37 ESE	43 ESE	51 ESE	46 ESE	47 ESE	51 ESE	48 ESE	43 ESE	32	25
4 —	4 —	4 —	5 —	6 —	5 —	5 —	6 —	5 —	7 —	7 —	7 —	10	26
31 ESE	29 ESE	29 ESE	34 ESE	40 ESE	31 ESE	36 SE	33 SE	33 SE	27 ESE	27 ESE	20 ESE	20	27
C	C	C	C	C	C	C	C	C	C	C	C	5	28
1 —	2 —	2 —	4 —	3 —	6 —	3 —	3 —	6 SE	8 SE	4 —	6 —	2	29
8 SE	6 SE	3 —	3 —	2 —	3 —	3 —	2 —	C	C	C	C	4	30
22 ESE	14 NW	9 NW	3 —	5 —	29 ESE	37 ESE	52 ESE	43 ESE	43 ESE	43 ESE	43 ESE	19	31
11·2	12·4	13·2	12·6	12·0	12·1	12·7	14·9	14·7	15·5	15·1	14·6	12·0	

TABLE 13. WIND—HOURLY VALUES

JUNE,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	41 ESE	41 ESE	48 ESE	54 ESE	48 ESE	46 ESE	47 ESE	44 ESE	52 ESE	43 ESE	47 ESE	48 ESE
2	46 ESE	44 ESE	48 ESE	39 SE	39 SE	38 SE	43 SE	51 SE	56 SE	48 ESE	46 ESE	51 ESE
3	8 SE	9 SE	6 SE	4 SE	17 ESE	20 ESE	20 SE	25 SE	25 ESE	26 ESE	30 ESE	30 ESE
4	21 SE	19 SE	11 SSE	6 ESE	C	C	C	C	C	2 —	2 —	4 —
5	3 —	3 —	3 —	3 —	3 —	4 —	4 —	5 —	4 —	5 —	5 —	7 —
6	24 ESE	30 ESE	36 ESE	48 ESE	45 ESE	48 ESE	45 ESE	42 ESE	37 ESE	41 ESE	42 ESE	37 ESE
7	25 ESE	33 ESE	28 ESE	23 ESE	24 ESE	24 ESE	15 ESE	8 ESE	C	C	C	8 —
8	5 —	5 —	6 —	7 —	7 —	13 ESE	22 ESE	30 ESE	28 ESE	25 ESE	4 —	5 —
9	24 SE	26 SE	10 —	3 —	2 —	3 —	3 —	C	C	C	2 —	2 —
10	2 —	2 —	4 —	4 —	2 —	2 —	5 —	5 —	7 ESE	26 ESE	29 ESE	26 ESE
11	20 ESE	19 ESE	27 ESE	39 ESE	39 ESE	42 ESE	27 ESE	27 ESE	28 ESE	23 ESE	12 ESE	8 ESE
12	24 N	23 N	24 N	25 NNW	29 NNW	26 NNW	14 N	14 N	9 N	5 N	4 —	10 NE
13	17 SSE	2 —	2 —	2 —	2 —	2 —	3 —	3 —	C	C	C	C
14	C	C	C	C	C	C	6 —	6 —	6 —	3 —	4 —	2 —
15	41 ESE	35 ESE	35 ESE	33 ESE	30 SE	33 SE	41 SE	40 SE	30 SSE	30 SSE	33 SE	30 SE
16	4 —	5 —	4 —	C	C	3 —	3 —	C	C	C	C	C
17	C	C	C	C	C	C	4 —	12 NNW	23 NNW	29 NNW	20 NNW	19 NNW
18	5 —	5 —	6 —	10 —	17 —	24 —	19 —	7 —	5 —	13 ESE	34 ESE	29 ESE
19	22 ESE	13 ESE	14 ESE	20 ESE	18 E	24 E	24 ESE	30 ESE	26 ESE	28 ESE	24 ESE	16 ESE
20	11 —	2 —	C	C	C	C	C	C	C	C	7 NW	17 NW
21	20 SE	24 SE	25 SE	26 SE	27 SE	30 SE	32 SE	29 SE	15 SE	8 SE	5 —	4 —
22	20 NNW	20 NNW	22 NNW	28 NNW	24 NNW	25 NNW	29 NNW	34 NNW	14 NNW	27 NNW	22 NNW	13 NNW
23	C	C	C	C	C	C	C	C	C	C	3 ESE	3 ESE
24	3 var.	5 var.	5 var.	4 var.	4 —	2 —	C	C	C	C	C	C
25	2 —	3 —	4 —	C	C	C	12 ESE	28 ESE	28 ESE	25 ESE	21 SSE	20 ESE
26	5 —	4 —	2 —	2 —	6 —	3 —	4 —	4 —	C	C	C	C
27	2 —	2 —	2 —	C	C	C	C	2 NW	4 ESE	4 ESE	5 ESE	10 ESE
28	5 —	3 —	3 —	2 —	2 —	3 —	4 —	2 —	4 —	3 —	3 —	5 —
29	5 —	6 —	6 —	6 —	6 —	4 —	5 —	9 —	8 E	28 NE	12 NE	13 E
30	C	2 —	4 —	4 —	2 —	C	C	C	C	C	C	C
Mean	13·5	12·8	12·8	13·1	13·1	14·0	14·4	15·2	13·6	14·7	13·9	13·9

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	Day.
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		
46 ESE	45 ESE	47 ESE	48 ESE	48 ESE	44 ESE	43 ESE	45 ESE	46 ESE	50 ESE	48 ESE	48 ESE	47	1
49 ESE	49 ESE	46 ESE	49 SE	32 SE	16 SE	23 ESE	15 SE	20 ESE	13 ESE	12 SE	12 SE	37	2
30 ESE	36 ESE	30 ESE	33 ESE	33 ESE	25 ESE	34 ESE	29 ESE	26 ESE	26 ESE	29 ESE	26 ESE	24	3
4 —	3 —	2 —	4 —	4 —	3 —	2 —	2 —	3 —	8 —	5 —	1 —	5	4
10 —	13 ESE	23 ESE	22 ESE	17 ESE	17 ESE	16 SE	23 SE	23 ESE	21 SE	18 SE	18 ESE	11	5
36 ESE	31 ESE	29 ESE	35 ESE	34 ESE	36 ESE	35 ESE	27 ESE	22 ESE	29 ESE	13 ESE	19 ESE	34	6
7 —	4 —	3 —	3 —	2 —	2 —	2 —	2 —	2 —	3 —	8 —	6 —	10	7
8 —	8 —	5 —	3 —	4 —	8 —	7 SE	17 SE	25 SE	26 SE	31 SE	31 SE	14	8
5 —	6 —	5 —	4 —	C	C	C	C	C	C	3 —	4 —	4	9
23 ESE	28 ESE	33 ESE	31 ESE	38 ESE	42 ESE	36 ESE	35 ESE	34 ESE	28 ESE	26 ESE	21 ESE	20	10
13 ESE	29 ESE	39 ESE	34 ESE	32 ESE	25 ESE	22 ESE	19 ESE	22 ESE	19 ESE	6 —	5 —	24	11
9 NE	2 —	2 —	4 —	5 SE	9 SE	12 SE	15 ESE	5 ESE	5 —	12 SE	17 SE	13	12
C	C	C	C	C	C	C	C	C	C	C	C	1	13
3 —	4 —	8 —	16 ESE	33 ESE	41 ESE	34 ESE	37 ESE	41 ESE	41 ESE	40 ESE	39 ESE	15	14
24 SE	22 SE	26 SE	16 SE	2 —	2 —	5 —	2 —	C	C	C	4 —	21	15
C	C	C	C	C	C	C	C	C	C	C	C	1	16
16 NW	8 NW	10 NW	7 NW	18 NW	16 NW	17 NW	15 NW	16 —	5 —	6 —	11 —	11	17
28 ESE	28 ESE	36 ESE	32 ESE	29 ESE	34 ESE	34 ESE	37 ESE	37 ESE	37 ESE	36 ESE	33 ESE	24	18
7 —	5 —	4 —	3 —	2 —	C	C	C	C	C	C	4 —	12	19
13 NW	4 SE	6 SE	5 SE	5 SE	4 SE	4 SE	4 SE	7 SE	5 SE	7 SE	11 SE	5	20
3 —	3 —	3 —	C	C	C	C	C	C	C	5 —	18 NNW	12	21
5 —	3 —	2 —	C	C	C	C	C	C	C	C	C	12	22
6 ESE	4 ESE	5 ESE	5 ESE	3 ESE	5 ESE	10 ESE	7 ESE	6 S	5 ESE	3 SSE	4 SSE	3	23
C	C	C	C	C	C	C	C	C	3 —	3 —	2 —	1	24
18 SE	22 ESE	16 ESE	17 SE	20 SE	10 SE	8 ESE	17 N	9 N	8 N	12 var.	8 var	13	25
C	3 —	3 ESE	13 ESE	18 ESE	11 ESE	6 ESE	3 ESE	4 —	2 —	2 —	2 —	4	26
17 ESE	25 ESE	25 SE	25 SE	23 SE	19 SE	13 SE	7 —	7 —	8 —	3 —	4 —	9	27
7 —	4 —	4 —	3 —	4 —	4 —	5 —	4 —	4 —	3 —	4 —	5 —	4	28
5 —	4 —	4 —	3 —	2 —	4 —	5 —	6 —	4 —	C	C	C	6	29
C	C	C	C	C	C	C	C	C	C	C	C	1	30
13·1	13·1	13·9	13·8	13·6	12·6	12·4	12·3	12·1	11·5	11·1	11·9	13·2	

TABLE 13. WIND—HOURLY VALUES

JULY,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	C	C	C	C	C	C	C	C	C	3 —	2 —	C
2	29 E	35 ESE	37 ESE	29 ESE	18 ESE	20 ESE	27 ESE	16 ESE	8 —	4 —	C	C
3	C	4 —	5 —	6 —	6 —	5 —	3 —	4 —	4 —	C	C	C
4	18 ESE	16 ESE	27 ESE	36 ESE	42 ESE	43 ESE	44 ESE	48 ESE	52 ESE	38 ESE	48 ESE	37 ESE
5	4 —	2 —	3 —	11 var.	27 NW	25 NW	20 NW	14 NW	4 —	3 —	C	C
6	C	C	C	C	C	C	C	C	C	C	3 ESE	4 ESE
7	2 ESE	C	C	C	C	C	C	C	C	C	C	3 —
8	11 SE	11 SE	7 —	7 —	6 —	6 —	6 —	4 —	8 ESE	16 ESE	34 ESE	43 ESE
9	59 ESE	54 ESE	56 ESE	58 ESE	54 ESE	53 ESE	49 ESE	48 ESE	48 E	48 E	48 E	40 E
10	37 E	37 E	38 E	41 E	42 E	36 E	42 E	42 E	36 E	38 E	36 E	40 E
11	42 E	42 E	36 ESE	33 ESE	36 E	36 E	34 E	32 E	36 E	38 E	38 ESE	37 ESE
12	42 E	42 E	42 E	42 E	45 E	47 E	47 E	48 E	56 E	58 E	66 ESE	60 ESE
13	50 E	57 ESE	51 ESE	41 ESE	53 ESE	66 ESE	43 ESE	47 ESE	54 ESE	47 ESE	42 E	34 ESE
14	4 —	6 ESE	19 ESE	12 ESE	7 var	5 var.	6 var.	5 var.	7 var.	6 var.	4 var.	5 —
15	*32* ESE	*32* ESE	*32* ESE	*32* ESE	*30* ESE	*27* ESE	*26* ESE	*27* ESE	37 ESE	36 ESE	34 ESE	32 ESE
16	24 N	26 N	29 NNW	32 NNW	29 N	29 NW	22 NW	10 NNW	5 ESE	7 ESE	5 ESE	4 ESE
17	20 ESE	19 ESE	18 ESE	19 ESE	18 SSE	15 SSE	8 SE	7 ESE	12 ESE	22 ESE	25 ESE	23 ESE
18	17 SE	22 SE	23 SE	21 SE	13 SE	16 SE	8 SE	14 SE	18 SE	8 SE	9 SE	5 SE
19	C	C	C	C	C	C	3 —	5 ESE	8 ESE	7 ESE	6 ESE	5 ESE
20	8 ESE	9 ESE	10 ESE	9 ESE	8 ESE	7 SSW	17 NNW	9 NNW	10 ESE	10 ESE	11 ESE	8 ESE
21	6 SE	3 SE	4 SE	4 SE	3 SE	3 —	6 —	2 W	2 var.	2 var.	2 var.	2 var.
22	2 ESE	10 ESE	6 SE	5 SE	4 SE	10 ESE	15 ESE	33 ESE	37 E	42 E	48 E	48 E
23	42 E	48 E	48 E	42 E	42 E	42 E	45 E	42 E	45 E	45 E	45 E	42 E
24	36 E	31 E	23 E	17 E	21 E	16 E	4 —	4 —	7 —	6 —	4 —	2 —
25	2 —	2 —	1 —	3 —	3 —	2 —	4 —	6 —	8 SE	10 SE	19 E	29 E
26	36 ESE	35 ESE	34 ESE	36 ESE	36 ESE	36 ESE	38 ESE	31 ESE	33 ESE	42 ESE	42 ESE	25 ESE
27	4 —	2 —	5 —	5 —	4 —	5 —	4 —	5 —	6 —	8 ESE	10 ESE	14 ESE
28	C	C	C	C	C	C	C	C	C	8 ESE	7 ESE	7 ESE
29	10 SE	24 SE	33 E	29 E	33 E	35 E	35 E	38 E	41 E	30 E	29 E	35 E
30	C	C	C	C	C	C	C	C	C	C	C	4 —
31	6 ESE	5 ESE	2 —	3 —	4 —	5 —	5 —	4 —	C	C	C	C
Mean	17·5	18·5	19·0	18·6	18·9	19·0	18·1	17·6	18·8	18·8	19·9	19·0

1911.

V — Velocity in miles per hour.
D — Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
C	C	C	4 —	5 —	4 —	4 —	4 —	8 —	19 E	17 E	22 E	4	1
C	C	C	C	C	C	C	C	C	C	C	C	9	2
C	C	C	2 —	5 —	4 —	4 —	4 —	2 —	2 —	4 ESE	11 ESE	3	3
32 ESE	30 ESE	32 ESE	24 ESE	31 ESE	33 ESE	15 ESE	3 ESE	9 ESE	10 ESE	7 ESE	3 ESE	28	4
C	C	C	C	C	C	C	C	C	C	C	C	5	5
4 ESE	5 ESE	5 ESE	5 ESE	4 ESE	5 ESE	3 ESE	4 ESE	5 ESE	3 ESE	3 ESE	2 ESE	2	6
13 E	20 E	27 E	28 E	29 E	25 E	23 E	22 E	22 E	19 E	19 ESE	15 SE	11	7
42 ESE	45 ESE	50 ESE	52 ESE	50 ESE	58 ESE	60 ESE	63 ESE	62 ESE	58 E	56 ESE	57 ESE	34	8
44 ESE	36 ESE	39 ESE	40 ESE	35 ESE	33 ESE	33 ESE	39 ESE	39 ESE	36 ESE	36 E	39 E	44	9
39 E	39 E	42 E	42 E	42 E	48 E	39 E	42 E	40 E	35 E	39 E	42 E	40	10
36 E	34 E	32 ESE	36 E	41 E	37 E	42 E	42 E	35 E	37 E	39 ESE	39 ESE	37	11
60 ESE	60 ESE	51 ESE	61 ESE	58 E	58 E	58 E	58 E	58 E	62 E	58 E	58 E	54	12
25 ESE	23 SE	7 SE	6 SE	4 —	3 —	3 —	3 —	4 —	4 NNW	16 NW	7 —	29	13
6 ESE	3 ESE	8 ESE	12 ESE	14 ESE	17 ESE	19 ESE	22 ESE	30 ESE	33 ESE	33 ESE	34 ESE	13	14
34 ESE	23 ESE	16 E	23 E	13 ESE	7 ESE	11 ESE	11 ESE	7 ESE	7 —	9 —	12 —	23	15
6 ESE	8 ESE	19 ESE	40 ESE	35 SE	10 SE	9 SE	10 SE	28 SE	24 SE	23 SE	22 ESE	19	16
25 ESE	19 ESE	18 SE	13 SSE	5 ESE	8 ESE	17 ESE	19 ESE	19 ESE	11 ESE	9 ESE	9 ESE	16	17
C	C	4 var.	C	C	C	C	C	C	C	C	C	7	18
4 S	4 S	3 SSE	3 SSE	4 SE	4 SE	2 SE	2 SE	C	C	C	C	3	19
9 ESE	8 ESE	10 ESE	15 ESE	33 ESE	42 ESE	50 ESE	52 E	43 E	12 SE	7 var.	16 ESE	17	20
3 SE	3 SE	3 SE	5 SE	5 SE	4 SE	6 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3	21
43 E	50 E	49 E	49 E	46 E	48 E	49 E	46 E	44 E	44 E	44 E	45 E	34	22
42 E	48 E	48 E	47 E	42 E	48 E	55 E	56 E	48 E	43 E	41 E	40 E	45	23
3 —	2 —	2 —	2 —	2 —	5 —	4 —	2 —	2 —	4 —	2 —	2 —	9	24
31 E	35 E	39 E	39 E	36 E	42 E	42 ESE	42 ESE	39 ESE	37 ESE	33 ESE	38 ESE	23	25
3 SE	8 SE	7 ESE	2 SE	2 SE	2 —	2 —	2 —	4 —	8 SW	14 SW	7 —	20	26
19 ESE	18 ESE	11 ESE	10 ESE	11 ESE	5 ESE	4 SW	3 SW	C	C	C	C	6	27
5 ESE	3 ESE	4 ESE	15 E	27 E	29 E	13 E	5 SE	5 SE	7 —	6 —	5 —	6	28
36 ESE	36 ESE	41 ESE	39 ESE	23 ESE	7 ESE	5 ESE	4 —	3 —	C	C	C	24	29
5 ESE	7 ESE	7 ESE	5 ESE	4 ESE	2 ESE	4 ESE	4 ESE	3 ESE	3 ESE	4 ESE	5 ESE	2	30
C	C	C	C	C	C	C	2 —	2 —	2 —	4 ESE	4 ESE	2	31
18·4	18·3	18·5	20·0	19·6	19·0	18·6	18·3	18·2	16·9	17·0	17·3	18·5	

TABLE 13. WIND—HOURLY VALUES

AUGUST,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	2 —	2 —	2 —	2 —	2 —	4 —	5 —	4 —	3 —	3 —	4 —	3 —
2	20 NNW	17 NNW	10 NNW	7 SE	7 SE	C	C	C	C	C	3 ESE	3 —
3	19 ESE	17 ESE	8 ESE	5 ESE	3 —	1 —	C	C	C	20 ESE	31 ESE	35 ESE
4	7 —	4 —	9 ESE	13 ESE	4 ESE	2 ESE	2 ESE	C	C	4 SE	4 SE	5 SE
5	5 SE	5 SE	8 SE	5 SE	3 NW	4 NW	4 NW	4 NW	5 NW	3 NW	6 NW	4 NW
6	11 var.	17 var.	9 var.	7 var.	3 var.	4 var.	12 var.	6 var.	2 ESE	5 ESE	11 ESE	7 ESE
7	8 —	6 —	4 —	7 —	4 —	2 —	C	C	C	3 —	3 —	3 —
8	C	C	C	C	C	C	C	C	C	6 —	7 ESE	7 ESE
9	2 —	2 —	2 —	C	C	C	C	C	C	C	6 ESE	6 ESE
10	14 ESE	17 ESE	19 ESE	28 ESE	27 ESE	29 ESE	25 ESE	23 ESE	19 ESE	18 ESE	30 ESE	31 ESE
11	35 ESE	32 ESE	42 ESE	45 ESE	43 ESE	43 ESE	45 ESE	36 ESE	*38* ESE	*38* SE	*41* SE	*39* SE
12	26 ESE	29 ESE	25 NW	13 NW	12 NW	8 —	8 —	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	4 —
14	C	C	C	C	C	C	C	C	C	C	C	C
15	2 —	2 —	3 —	3 —	4 —	6 —	5 —	4 —	2 —	3 —	2 —	2 —
16	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	4 —	2 —	C	C	C	C	8 —	5 —	2 —	2 —
18	C	C	C	C	C	C	C	C	C	C	C	C
19	2 —	4 —	8 —	7 S	35 E	44 E	54 E	52 E	*53* E	*54* E	*54* E	*56* E
20	48 E	48 E	54 E	48 E	48 E	48 E	48 E	39 E	39 ESE	39 ESE	39 ESE	42 ESE
21	22 ESE	15 ESE	11 SE	11 SE	19 ESE	31 ESE	30 ESE	30 SSE	23 SSE	11 ESE	10 SE	10 SE
22	13 ESE	11 ESE	17 ESE	36 ESE	45 ESE	48 E	59 E	59 E	45 E	48 E	47 E	46 E
23	46 E	41 E	40 E	47 E	57 SE	57 SE	60 SE	66 SE	57 SE	54 ESE	51 ESE	51 ESE
24	39 E	42 E	*45* E	*45* E	*45* E	*45* E	*45* E	*45* E	57 E	45 E	45 E	*44* E
25	*51* E	*49* E	*46* E	*48* E	*44* ESE	*30* ESE	*29* E	*39* E	*35* ESE	*36* ESE	*39* ESE	*36* ESE
26	30 ESE	30 ESE	19 ESE	17 ESE	36 ESE	24 ESE	7 ESE	2 —	2 —	2 —	2 —	2 —
27	36 E	36 E	24 E	36 E	27 E	27 E	48 E	35 E	31 ESE	32 SE	31 SE	30 SE
28	2 —	8 var.	4 var.	5 var.	7 var.	9 var.	5 var.	6 var.	7 SE	6 SE	7 SE	8 SE
29	4 SE	5 SE	2 SE	2 SE	2 SE	4 SE	7 SE	10 SE	11 ESE	11 ESE	10 ESE	8 ESE
30	14 NW	20 NW	28 NW	33 NW	26 NW	25 NW	25 NW	23 NW	19 NW	23 NW	15 var.	6 var.
31	35 NW	31 NW	39 NW	42 NW	39 NW	36 var.	26 var.	8 var.	8 var.	9 var.	7 ESE	1 ESE
Mean	15·9	15·8	15·6	16·6	17·5	17·1	17·7	15·9	15·0	15·8	16·4	16·0

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
C	C	C	4 var.	5 var.	5 var.	6 var.	19 N	32 N	26 N	27 NW	25 NW	8	1
C	C	C	C	C	C	6 ESE	18 ESE	14 ESE	22 ESE	23 ESE	21 ESE	7	2
36 ESE	32 ESE	33 ESE	32 ESE	34 SE	32 SE	37 SE	32 SE	30 SE	24 SE	20 SE	18 —	21	3
3 SE	4 SE	5 SE	6 SE	5 SE	4 SE	4 SE	4 SE	7 SE	8 SE	7 SE	6 SE	5	4
4 NW	8 NW	29 NNW	26 NNW	31 NNW	34 NNW	30 NNW	26 NNW	12 NNW	10 NNW	7 NNW	7 var.	12	5
6 ESE	3 —	C	C	C	C	C	C	3 —	3 —	3 —	3 —	5	6
3 —	4 —	3 —	2 —	2 —	3 —	4 —	C	C	C	C	C	3	7
10 ESE	18 ESE	20 SE	14 SE	26 ESE	20 ESE	17 ESE	10 ESE	4 —	3 —	3 —	4 —	7	8
7 ESE	8 ESE	8 ESE	8 ESE	9 ESE	9 ESE	10 ESE	10 ESE	11 ESE	16 ESE	17 ESE	15 ESE	6	9
29 ESE	27 ESE	26 ESE	24 ESE	22 ESE	22 ESE	20 ESE	19 ESE	22 ESE	26 ESE	27 ESE	34 ESE	24	10
42 SE	48 SE	48 SE	44 SE	47 ESE	41 ESE	33 ESE	31 ESE	35 ESE	34 ESE	34 ESE	32 ESE	39	11
C	C	C	C	C	C	C	C	C	C	C	C	5	12
3 —	2 —	2 —	2 —	2 —	2 —	4 —	6 —	4 —	4 —	C	C	2	13
C	C	C	C	C	C	C	C	C	C	C	C	0	14
5 ESE	11 ESE	5 ESE	6 ESE	4 —	2 —	2 —	2 —	3 —	3 —	C	C	3	15
C	C	6 —	6 —	4 —	6 —	3 —	2 —	2 —	C	C	C	1	16
7 —	3 —	5 —	6 —	4 —	2 —	2 —	2 —	2 —	2 —	3 —	3 —	3	17
C	C	C	C	C	C	C	C	C	C	C	2 —	0	18
55 ESE	*51* ESE	50 ESE	48 ESE	48 ESE	48 ESE	48 ESE	46 ESE	44 E	51 E	47 E	46 E	42	19
40 ESE	38 ESE	36 ESE	34 ESE	31 ESE	30 ESE	25 SE	30 SE	30 SE	32 ESE	28 ESE	29 ESE	39	20
9 SE	10 SE	10 SE	15 SE	9 SE	5 NW	6 NW	8 NW	6 NW	5 NW	6 NW	5 NW	13	21
48 E	*52* E	*50* E	*50* E	*55* E	*49* E	48 E	42 E	42 E	45 E	43 E	44 E	43	22
60 ESE	57 ESE	51 E	48 E	48 E	56 E	55 E	54 E	51 E	48 E	48 E	39 E	52	23
44 E	*42* E	*42* E	*36* E	45 E	48 E	48 E	*50* E	*50* E	*50* E	*50* E	*51* E	46	24
35 E	*36* E	*32* ESE	*19* ESE	32 ESE	17 ESE	9 SE	10 SE	18 ESE	27 ESE	23 ESE	26 ESE	32	25
4 —	5 ESE	7 ESE	8 ESE	10 ESE	8 ESE	7 ESE	9 ESE	20 E	27 E	31 E	39 E	15	26
33 ESE	36 ESE	33 ESE	33 ESE	18 ESE	18 ESE	2 —	3 —	3 —	3 —	5 —	4 —	24	27
10 ESE	10 ESE	10 ESE	22 ESE	20 ESE	12 ESE	4 ESE	2 ESE	7 SE	5 SE	3 SE	3 SE	8	28
9 ESE	8 ESE	7 ESE	8 ESE	7 ESE	6 ESE	6 ESE	4 ESE	3 ESE	3 ESE	4WNW	10 NW	7	29
6 var.	5 var.	5 var.	4 var.	6 NW	23 WNW	24 NW	20 NW	30 NW	19 NW	31 NW	34 NW	19	30
4 ESE	4 ESE	4 ESE	6 ESE	22 ESE	42 ESE	48 ESE	48 ESE	45 ESE	51 ESE	54 ESE	54 ESE	28	31
16·5	16·9	17·0	16·5	17·6	17·6	16·4	16·4	17·1	17·7	17·6	17·9	16·7	

TABLE 13. WIND—HOURLY VALUES

SEPTEMBER,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	45 ESE	48 ESE	48 SE	39 SE	48 ESE	39 ESE	39 ESE	40 ESE	41 SE	29 SE	20 NW	11 NW
2	C	C	C	C	C	C	C	C	C	4 —	4 —	5 —
3	3 —	C	C	C	C	3 —	3 —	3 —	3 —	5 SE	7 SE	6 SE
4	4 —	11 ESE	8 ESE	5 ESE	8 ESE	14 ESE	19 ESE	18 ESE	24 ESE	21 ESE	23 ESE	12 ESE
5	C	C	C	C	8 WNW	16 WNW	12 WNW	4 WNW	4 WNW	2 —	5 NW	15 NW
6	5 *SE*	4 *SE*	5 *SE*	13 ESE	37 E	36 E	42 E	41 E	37 E	42 E	42 ESE	42 ESE
7	40 ESE	38 ESE	42 ESE	42 ESE	42 ESE	44 ESE	46 E	48 E	45 E	43 E	41 E	39 E
8	45 E	46 E	36 ESE	36 ESE	32 ESE	28 ESE	19 SE	21 SE	22 SE	26 SE	27 SE	24 SE
9	C	C	C	3 —	7 —	6 ESE	5 ESE	7 ESE	6 ESE	3 ESE	C	C
10	4 *ESE*	C	C	C	C	C	C	C	C	6 —	3 —	3 —
11	4 *N*	C	C	C	C	C	C	C	C	C	C	C
12	4 *ESE*	3 —	1 —	C	C	C	C	C	C	C	2 —	2 —
13	C	C	C	C	C	C	C	C	2 —	4 —	2 —	2 —
14	C	2 —	5 *N*	6 *N*	11 *N*	13 *N*	3 *N*	4 *N*	4 *N*	2 —	2 —	3 —
15	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	5 *ESE*	3 *ESE*	3 *ESE*	4 —	2 —	C	C	C	C	C
17	39 E	42 E	42 E	34 E	32 ESE	28 ESE	27 ESE	19 SSE	6 E	21 E	12 *NW*	8 *NW*
18	8 *NW*	7 *ESE*	4 *ESE*	3 *ESE*	5 *ESE*	9 *ESE*	5 *ESE*	2 —	3 —	3 —	4 ESE	11 ESE
19	8 *ESE*	15 *ESE*	4 —	C	C	C	C	C	C	C	C	C
20	4 —	6 —	5 —	19 *N*	24 *N*	7 —	3 —	5 —	5 —	3 —	4 —	4 —
21	30 ESE	30 ESE	32 ESE	37 ESE	39 ESE	38 ESE	40 ESE	40 ESE	41 ESE	43 ESE	39 ESE	41 ESE
22	39 ESE	40 ESE	38 ESE	33 ESE	32 SE	25 SE	30 SE	30 SE	21 SE	27 S E	24 SE	20 SE
23	3 var.	4 var.	4 var.	3 var.	5 var.	7 var.	5 var.	8 var.	8 SE	7 SE	16 NW	22 NW
24	7 *ESE*	6 *ESE*	4 *ESE*	2 —	3 —	3 —	4 —	5 —	5 —	C	C	C
25	14 —	10 —	7 —	4 —	7 —	8 —	4 —	6 —	4 —	5 —	5 —	4 —
26	42 E	43 E	41 E	42 E	38 E	34 E	35 E	34 E	36 E	30 E	38 E	46 E
27	50 E	52 E	48 ESE	54 ESE	54 ESE	54 ESE	54 E	51 E	48 E	45 E	43 E	47 E
28	34 ESE	30 ESE	30 ESE	32 ESE	34 ESE	40 ESE	47 ESE	45 ESE	22 ESE	22 ESE	24 ESE	35 ESE
29	31 ESE	32 ESE	28 ESE	27 ESE	20 SSE	16 SSE	13 SSE	14 SE	11 SE	11 SE	10 —	2 —
30	C	C	C	C	2 —	4 —	C	C	C	3 —	12 SE	39 E
Mean	15·4	15·6	14·6	14·6	16·4	15·9	15·2	14·8	13·3	13·6	13·6	14·8

1911.

V Velocity in miles per hour.
D Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
6 NW	3 NW	C	C	C	C	C	C	C	C	C	C	19	1
7 —	5 —	2 —	3 —	C	C	C	C	2 —	2 —	2 —	3 —	2	2
6 SE	4 SE	7 SE	11 SE	12 ESE	22 ESE	16 ESE	14 ESE	16 ESE	3 ESE	3 —	3 —	6	3
11 ESE	18 ESE	12 ESE	2 —	2 —	3 —	3 —	2 —	2 —	2 —	C	C	9	4
8 NW	3 *SE*	2 *SE*	2 *SE*	2 *ESE*	3 *ESE*	4 *ESE*	4 *ESE*	5 *SE*	5 *SE*	5 *SE*	5 *SE*	5	5
42 ESE	42 ESE	42 ESE	51 E	51 E	48 E	50 E	48 E	46 E	40 E	38 E	42 E	37	6
30 E	30 E	14 NW	13 NW	33 ESE	36 ESE	34 ESE	32 ESE	42 E	48 E	11 ESE	42 ESE	38	7
17 SE	8 NW	5 —	3 —	2 —	C	C	C	C	C	C	C	17	8
C	C	C	C	C	C	C	C	C	C	5 *ESE*	7 *ESE*	2	9
C	C	C	C	C	4 *N*	10 *N*	7 *N*	6 *N*	7 *N*	9 *N*	5 *N*	3	10
C	C	C	C	C	C	C	4 *ESE*	4 *ESE*	4 *ESE*	5 *ESE*	5 *ESE*	1	11
7 ESE	7 ESE	16 ESE	21 ESE	18 var.	11 var.	4 var.	3 var.	11 ESE	3 —	2 —	2 —	5	12
2 —	C	C	C	C	C	C	C	C	C	C	C	1	13
4 *SE*	6 *SE*	4 *SE*	2 —	C	C	C	C	C	C	C	C	3	14
C	C	C	C	C	C	C	C	C	C	C	C	0	15
3 —	5 ESE	7 ESE	9 ESE	10 ESE	11 ESE	20 ESE	22 ESE	28 ESE	30 ESE	36 E	38 E	10	16
11 *NW*	3 —	3 —	2 —	2 —	7 ESE	12 ESE	23 ESE	26 ESE	23 ESE	23 *NW*	8 *NW*	19	17
8 ESE	3 —	3 —	2 —	2 —	4 —	7 ESE	11 ESE	16 ESE	20 ESE	15 *ESE*	7 *ESE*	7	18
C	C	C	3 —	3 —	C	C	C	C	7 —	3 —	4 —	2	19
4 —	4 —	5 —	13 —	33 E	32 E	28 E	39 E	39 ESE	36 ESE	36 ESE	36 ESE	16	20
40 ESE	36 ESE	40 ESE	40 ESE	37 ESE	47 ESE	41 ESE	43 ESE	47 ESE	43 ESE	45 ESE	41 ESE	40	21
8 SE	13 SE	13 NW	6 NW	6 —	4 —	8 —	3 —	5 —	4 —	3 —	4 —	18	22
22 NW	23 NW	24 NW	23 NW	22 ESE	28 ESE	25 ESE	11 ESE	11 *NW*	7 *NW*	8 *NW*	11 *NW*	13	23
C	C	5 —	7 —	3 —	3 —	3 —	3 —	2 —	2 —	2 —	6 —	3	24
4 —	4 —	4 —	2 —	3 —	5 —	5 —	5 —	8 —	13 —	33 E	39 E	8	25
48 E	48 E	48 E	49 E	53 E	48 E	48 E	45 E	51 E	51 E	51 E	48 E	44	26
43 E	41 E	42 E	44 E	40 E	42 E	42 ESE	42 ESE	42 ESE	38 ESE	34 ESE	38 ESE	45	27
35 ESE	36 SE	40 SE	42 SE	44 E	54 E	57 E	48 ESE	45 ESE	35 ESE	32 ESE	31 ESE	37	28
2 —	2 —	C	C	C	C	2 —	2 —	2 —	2 —	2 —	2 —	10	29
38 E	41 E	40 E	38 E	40 E	37 E	34 E	24 E	21 —	18 —	8 —	5 NW	17	30
13·5	12·8	12·6	12·9	13·9	15·0	15·1	14·5	15·9	14·8	14·7	14·4	14·5	

TABLE 13. WIND—HOURLY VALUES

OCTOBER,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	9 NW	22 NW	22 N	15 N	5 —	6 —	8 ESE	4 ESE	5 NW	7 NW	6 NW	11 NW
2	17 ESE	37 E	39 E	19 E	15 E	50 E	52 E	59 E	48 ESE	57 ESE	45 E	43 E
3	37 E	39 E	34 E	35 E	40 E	44 E	41 E	46 E	12 E	42 E	42 E	44 E
4	31 E	23 ESE	22 ESE	21 SSE	13 SSE	8 ESE	9 ESE	3 ESE	C	C	C	6 —
5	34 E	32 ESE	34 ESE	15 E	38 E	29 E	23 E	22 E	4 —	4 —	C	C
6	23 NW	14 W	5 —	4 —	4 —	3 —	22 NW	22 NW	11 NW	4 NW	4 NW	8 NW
7	9 —	4 —	C	C	C	C	C	C	C	4 —	7 ESE	10 ESE
8	24 E	27 ESE	30 E	23 E	24 E	20 E	23 SE	17 SSE	16 ESE	7 ESE	5 —	4 —
9	4 —	5 —	9 —	8 —	7 —	5 —	4 —	4 —	3 —	3 —	5 —	22 ESE
10	39 ESE	40 ESE	42 ESE	40 ESE	41 ESE	36 ESE	42 ESE	35 ESE	36 ESE	31 ESE	27 ESE	33 ESE
11	25 ESE	20 ESE	8 —	7 —	C	C	C	C	C	4 —	3 —	2 —
12	4 —	2 —	2 —	2 —	5 —	3 —	3 —	3 —	3 —	4 —	4 —	4 —
13	38 E	31 E	29 E	31 E	30 E	30 E	29 E	22 E	10 E	11 N	19 N	7 NNW
14	2 —	2 —	8 —	9 —	7 —	2 —	C	C	C	C	C	C
15	5 —	7 —	8 —	7 —	8 SE	8 SE	17 ESE	19 ESE	16 E	11 E	13 ESE	26 ESE
16	29 ESE	16 ESE	13 ESE	10 ESE	10 ESE	16 ESE	17 ESE	10 ESE	10 SE	5 NNW	5 NNW	15 NW
17	23 NNW	11 NNW	C	C	C	3 —	3 —	C	C	C	4 —	13 NW
18	3 —	2 —	2 —	4 —	11 —	29 ESE	30 ESE	35 ESE	42 E	40 E	38 E	42 E
19	51 E	48 E	48 ESE	54 ESE	51 ESE	45 ESE	57 E	45 E	43 ESE	41 ESE	42 E	42 E
20	4 —	5 —	8 —	5 —	5 —	5 —	5 —	5 NE	4 NE	7 NE	4 NE	5 ESE
21	36 ESE	37 ESE	35 SE	28 SE	22 ESE	27 ESE	28 ESE	26 ESE	25 ESE	25 ESE	25 ESE	25 ESE
22	4 —	2 —	2 —	C	C	C	C	C	C	C	C	6 —
23	22 ESE	18 ESE	5 ESE	14 ESE	10 SE	8 —	11 —	C	C	C	C	3 —
24	25 NNW	24 NNW	24 NNW	20 NNW	16 N	11 N	6 ESE	8 ESE	11 ESE	11 ESE	9 ESE	10 ESE
25	2 —	3 —	15 —	24 ESE	6 N	34 E	40 E	40 E	40 ESE	37 ESE	33 ESE	26 ESE
26	14 W	8 W	2 W	2 —	C	C	C	3 —	5 ESE	7 ESE	7 ESE	6 ESE
27	24 E	25 E	25 E	28 E	23 E	23 E	21 ESE	20 ESE	23 ESE	21 ESE	24 ESE	24 ESE
28	6 ESE	4 ESE	6 ESE	7 ESE	11 ESE	23 ESE	24 ESE	19 ESE	27 ESE	24 ESE	34 ESE	35 ESE
29	20 NNW	23 NNW	21 NNW	17 NNW	22 NNW	21 NNW	17 NNW	15 NW	11 NW	15 NW	15 NW	16 WNW
30	C	C	C	C	3 SSE	3 SSE	2 SSE	2 SSE	4 SSE	3 SSE	9 E	22 E
31	46 E	46 E	43 E	35 E	35 E	36 E	36 E	34 E	33 E	25 E	31 E	31 E
Mean	19·7	18·6	17·5	17·6	15·9	17·0	18·5	16·7	15·2	14·5	14·9	17·5

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
7 NNW	9 NNW	8 ESE	7 ESE	6 ESE	6 ESE	7 ESE	7 ESE	7 ESE	7 ESE	5 ESE	6 ESE	8	1
46 E	43 E	42 ESE	43 ESE	46 E	38 E	38 E	39 E	37 E	35 E	36 E	35 E	43	2
41 E	40 E	37 E	38 E	38 E	32 ESE	34 SE	34 SE	38 SE	41 E	42 E	39 E	39	3
8 —	8 —	8 —	9 —	7 —	9 SE	7 SSE	7 SSE	8 SE	15 SE	28 ESE	35 ESE	12	4
C	3 —	4 —	7 —	4 *ESE*	12 *ESE*	8 *ESE*	8 *ESE*	6 *ESE*	5 *ESE*	9 *ESE*	25 NW	15	5
25 NNW	9 *NW*	5 *NW*	4 *NW*	10 ESE	20 ESE	20 ESE	16 ESE	12 ESE	2 —	2 —	6 —	11	6
16 ESE	17 ESE	19 ESE	28 ESE	25 ESE	24 ESE	18 ESE	27 ESE	30 SE	33 SE	30 E	27 E	14	7
C	C	C	C	C	C	C	C	C	C	C	C	9	8
21 E	22 E	29 E	39 E	46 E	47 E	42 E	38 E	43 E	50 E	45 E	42 ESE	23	9
30 ESE	30 ESE	34 ESE	31 ESE	28 ESE	30 ESE	24 ESE	28 ESE	28 ESE	25 ESE	20 ESE	22 ESE	32	10
3 —	6 —	5 —	4 —	4 —	4 —	5 —	5 —	6 —	7 —	5 —	4 —	5	11
5 —	12 —	13 —	10 —	7 —	5 —	13 E	25 E	23 E	24 E	29 E	34 E	10	12
8 *NNW*	10 *NNW*	8 *NNW*	4 —	2 —	1 —	2 —	4 —	4 —	5 —	3 —	3 —	14	13
3 —	5 —	5 —	4 —	C	C	C	C	4 —	4 —	2 —	2 —	3	14
34 ESE	32 E	46 ESE	33 E	42 ESE	33 E	45 ESE	31 ESE	23 SE	23 SE	14 ESE	34 ESE	22	15
21 NW	14 NW	4 var.	10 var.	10 var.	22 NNW	27 NNW	26 NNW	31 NNW	28 NNW	23 NNW	23 NNW	17	16
24 NW	24 NW	22 NW	20 NW	18 NW	17 NW	19 NW	9 NW	7 —	10 —	5 —	2 —	10	17
44 ESE	45 ESE	40 E	39 E	37 ESE	38 ESE	39 ESE	36 ESE	41 E	43 E	45 E	48 E	32	18
41 ESE	37 E	37 ESE	24 ESE	22 E	20 E	21 ESE	5 —	4 —	7 —	7 —	4 —	33	19
9 ESE	9 ESE	10 ESE	8 ESE	11 ESE	16 ESE	15 ESE	16 ESE	17 ESE	17 ESE	27 ESE	33 ESE	10	20
21 ESE	23 ESE	22 E	18 E	22 E	21 E	24 E	22 E	18 E	10 —	5 —	5 —	23	21
10 ESE	22 E	24 E	24 E	34 E	35 E	37 E	36 E	37 E	32 E	31 E	26 E	15	22
3 —	4 —	9 *NNW*	18 *NNW*	23 *NNW*	26 *NNW*	27 *NNW*	29 *NNW*	31 NNW	30 NNW	34 NNW	30 NNW	15	23
11 SE	17 SE	22 SE	24 ESE	23 ESE	22 ESE	21 ESE	18 ESE	14 ESE	7 —	5 —	2 —	15	24
19 ESE	14 ESE	10 ESE	5 —	2 —	C	C	C	4 N	7 N	5 N	5 W	16	25
8 ESE	10 ESE	13 SSE	15 SSE	17 ESE	19 ESE	21 ESE	28 ESE	29 E	29 E	26 E	28 E	12	26
23 ESE	23 ESE	23 E	22 E	21 E	20 E	20 E	16 E	13 ESE	10 ESE	5 ESE	6 ESE	20	27
32 E	32 E	28 E	28 E	28 E	27 E	20 E	17 E	13 NW	11 NW	11 NNW	17 NNW	20	28
21 WNW	19 WNW	22 WNW	18 WNW	16 WNW	17 WNW	6 SE	4 SE	4 SE	4 SE	C	C	14	29
39 E	33 E	32 E	29 E	34 E	35 E	32 E	37 E	35 E	40 E	46 E	46 E	20	30
28 E	20 E	19 ESE	16 ESE	8 ESE	5 ESE	5 ESE	8 ESE	13 NW	5 NW	5 NW	6 NW	24	31
19·5	19·1	19·4	18·7	19·1	19·4	19·3	18·6	18·7	18·3	17·8	19·2	17·9	

TABLE 13. WIND—HOURLY VALUES

NOVEMBER,

CAPE EVANS.

Local Time	23-24	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11
Standard Time	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Day	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	5 NW	9 NW	18 NNW	23 N	11 NNE	9 SE	8 ESE	7 ESE	7 SE	4 SE	10 ESE	14 ESE
2	36 ESE	43 ESE	35 ESE	35 ESE	38 E	37 E	37 ESE	37 ESE	40 ESE	37 ESE	35 ESE	33 ESE
3	32 E	33 E	33 E	31 E	29 E	26 E	25 E	22 E	26 E	27 E	24 E	28 E
4	5 var.	4 var.	3 var.	4 var.	5 ESE	5 ESE	7 ESE	8 ESE	14 ESE	24 ESE	29 ESE	34 ESE
5	15 NE	15 NE	17 NNE	19 NNE	21 NNE	18 NNE	21 NNE	30 NNE	35 *N*	36 NE	25 NE	10 NE
6	5 —	4 —	5 —	7 —	15 —	25 E	27 E	37 E	40 E	40 E	41 E	42 E
7	35 E	32 E	32 E	36 E	34 E	30 E	34 E	31 ESE	33 ESE	30 E	35 E	35 E
8	30 E	34 E	36 E	32 E	35 E	30 E	29 E	28 E	28 E	28 E	28 ESE	25 ESE
9	24 N	27 WNW	28 WNW	27 WNW	10 ESE	8 ESE	5 ESE	5 ESE	4 SE	3 SE	4 SE	6 SE
10	19 ESE	17 ESE	21 ESE	32 ESE	36 ESE	40 ESE	40 ESE	40 ESE	39 ESE	36 ESE	35 E	37 E
11	29 ESE	27 ESE	28 ESE	26 ESE	26 ESE	23 ESE	18 ESE	12 ESE	5 SE	11 SE	9 SE	10 SE
12	2 —	2 —	4 —	4 —	6 —	5 —	3 —	5 —	5 —	4 —	4 —	5 —
13	17 ESE	23 ESE	25 ESE	21 ESE	27 ESE	25 ESE	26 ESE	24 ESE	24 ESE	27 ESE	28 ESE	27 ESE
14	24 ESE	29 ESE	29 ESE	27 ESE	28 ESE	31 ESE	31 ESE	33 ESE	35 ESE	36 ESE	35 ESE	35 ESE
15	16 SE	13 SE	14 SE	10 SE	8 SE	7 SE	C	C	C	C	C	C
16	18 ESE	17 ESE	24 ESE	29 ESE	30 ESE	31 ESE	24 ESE	21 ESE	*23* ESE	*24* ESE	*25* ESE	*25* ESE
17	18 ESE	16 ESE	17 ESE	24 ESE	31 ESE	31 ESE	30 ESE	29 ESE	28 ESE	25 ESE	24 ESE	25 ESE
18	18 E	17 E	17 E	15 E	15 SE	13 SE	7 SE	11 SE	15 ESE	18 ESE	17 ESE	11 ESE
19	C	C	C	C	C	C	C	C	C	C	C	2 SE
20	7 —	7 —	C	C	C	3 —	4 SE	5 SE	5 SE	5 SE	6 SE	4 SE
21	C	C	C	C	2 —	2 —	4 ESE	6 ESE	5 ESE	5 ESE	3 —	2 —
22	10 ESE	14 ESE	11 ESE	10 ESE	7 ESE	8 ESE	9 ESE	11 ESE	11 ESE	13 ESE	17 ESE	*20* ESE
23	14 E	21 E	19 ESE	24 ESE	25 ESE	24 ESE	28 ESE	27 ESE	32 ESE	34 ESE	31 ESE	29 ESE
24	28 E	23 E	20 E	12 E	11 E	15 ESE	13 ESE	13 ESE	3 ESE	3 ESE	10 NW	7 ESE
25	C	C	C	C	C	C	C	C	5 ESE	6 ESE	7 ESE	8 ESE
26	4 ESE	C	C	C	2 —	2 WNW	5 WNW	5 WNW	4 WNW	2 WNW	3 WNW	2 WNW
27	2 —	7 —	10 E	16 E	18 E	27 E	28 E	25 E	26 E	24 E	25 E	32 E
28	2 W	2 W	2 W	2 W	4 SE	4 ESE	3 ESE	2 ESE	4 ESE	5 ESE	4 ESE	4 ESE
29	C	C	C	C	C	C	C	2 ESE	5 ESE	5 ESE	4 SE	5 SE
30	3 —	4 —	2 —	C	C	C	6 SE	3 SE	5 SE	3 var.	3 SSE	4 SSE
Mean	13·9	14·7	15·0	15·5	15·8	16·0	15·7	16·0	16·9	17·2	17·4	17·4

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
25 ESE	26 ESE	31 ESE	31 ESE	34 ESE	34 ESE	36 SE	39 SE	41 ESE	43 ESE	43 ESE	41 ESE	23	1
34 E	32 E	31 E	30 E	28 E	30 E	34 E	34 E	35 E	35 E	33 E	33 E	35	2
25 ESE	22 ESE	21 ESE	20 ESE	17 ESE	14 E	11 E	4 E	2 var.	2 var.	7 var.	4 var.	20	3
34 ESE	37 ESE	39 ESE	35 ESE	29 ESE	20 ESE	7 ESE	8 ESE	10 ESE	8 ESE	5 —	12 ENE	16	4
7 NE	7 NE	21 NE	29 N	29 N	29 N	22 N	16 N	11 —	13 —	11 —	7 —	20	5
40 E	36 E	37 E	35 E	34 E	29 E	30 E	29 E	30 E	31 E	30 E	35 E	29	6
39 E	40 E	40 E	36 E	37 E	36 E	35 E	40 E	36 E	39 E	37 E	33 E	35	7
21 ESE	18 ESE	10 ESE	7 var.	5 var.	4 var.	4 var.	13 var.	20 WNW	17 WNW	15 WNW	22 WNW	22	8
4 SE	3 SE	3 SE	3 SE	4 —	6 —	2 —	2 —	8 ESE	10 ESE	16 ESE	18 ESE	9	9
38 E	37 E	37 E	35 E	35 E	34 E	35 E	32 ESE	32 ESE	32 ESE	29 ESE	29 ESE	33	10
8 SE	8 SE	8 SE	7 SE	5 SE	2 SE	3 SE	3 SE	3 —	4 —	5 —	4 —	12	11
13 —	19 ESE	24 ESE	21 ESE	21 ESE	20 ESE	17 ESE	17 ESE	13 ESE	11 ESE	16 ESE	15 ESE	11	12
31 ESE	27 ESE	28 ESE	27 ESE	29 ESE	30 ESE	28 ESE	28 ESE	25 ESE	22 ESE	20 ESE	25 ESE	26	13
36 ESE	39 ESE	38 ESE	36 ESE	31 ESE	36 ESE	35 ESE	32 ESE	28 ESE	25 ESE	17 ESE	18 ESE	31	14
C	C	C	5 —	5 —	9 —	11 —	13 —	14 —	14 ESE	16 ESE	17 ESE	7	15
23 ESE	22 ESE	21 ESE	21 ESE	22 ESE	29 ESE	24 ESE	19 ESE	20 ESE	22 ESE	20 ESE	17 ESE	23	16
27 ESE	28 E	27 E	25 E	27 E	25 E	25 E	24 E	23 E	22 E	19 E	19 E	25	17
10 ESE	8 ESE	18 ESE	11 ESE	4 —	2 —	C	C	C	C	C	C	10	18
4 SE	3 SE	3 SE	2 SE	2 —	C	C	C	C	C	2 —	2 —	1	19
5 SE	3 SE	3 SE	3 SE	3 SE	2 —	2 —	C	C	C	C	C	3	20
5 ESE	5 ESE	5 ESE	6 ESE	7 ESE	7 SE	4 SE	3 ESE	5 ESE	10 ESE	11 ESE	10 ESE	5	21
20 ESE	18 ESE	19 E	23 E	18 E	17 E	15 E	23 E	19 E	18 E	20 E	19 E	15	22
29 E	34 E	36 ESE	34 ESE	28 ESE	24 ESE	25 ESE	25 ESE	17 ESE	20 ESE	18 E	22 E	26	23
7 ESE	8 ESE	14 NW	16 NW	16 NW	13 W	9 W	5 W	C	C	C	C	10	24
8 ESE	8 ESE	8 ESE	9 ESE	11 ESE	15 ESE	13 ESE	11 ESE	14 ESE	9 ESE	6 ESE	5 ESE	6	25
4 WNW	7 WNW	7 WNW	8 WNW	10 WNW	11 WNW	11 WNW	13 WNW	5 WNW	5 WNW	4 —	2 —	5	26
31 E	21 E	20 ESE	18 ESE	17 ESE	10 ESE	8 ESE	2 ESE	2 SE	2 SE	2 SE	2 W	16	27
C	C	C	C	C	4 ESE	4 E	4 E	4 E	2 —	C	C	2	28
4 ESE	5 ESE	5 ESE	5 ESE	4 SE	4 SE	4 SE	4 SE	5 ESE	5 ESE	6 —	4 —	3	29
6 SSE	7 ESE	12 ESE	14 ESE	12 ESE	14 ESE	10 ESE	8 ESE	8 ESE	9 ESE	9 ESE	5 ESE	6	30
17·9	17·6	19·0	18·4	17·7	17·0	15·5	15·0	14·3	14·3	13·9	14·0	16·1	

TABLE 13. WIND—HOURLY VALUES

DECEMBER,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	C	C	C	C	C	C	C	C	C	3 —	3 ESE	3 ESE
2	C	4 —	3 —	2 —	2 —	2 —	2 —	2 —	C	C	C	C
3	8 NNW	4 NNW	6 SE	6 SE	6 SE	6 SE	2 SE	C	C	C	5 —	7 SE
4	28 NNW	26 NNW	22 NNW	14 NNW	17 NNW	17 NNW	13 ESE	8 ESE	10 ESE	8 ESE	11 ESE	19 ESE
5	22 E	18 E	19 E	18 E	18 E	17 E	16 ESE	14 SE	*14* SSE	*14* SSE	*16* ESE	*18* ESE
6	31 ESE	20 ESE	*32* ESE	*35* ESE	*10* ESE	*13* ESE	*13* ESE	*13* ESE	*16* ESE	*10* ESE	*35* ESE	*30* ESE
7	9 NW	7 NW	11 NW	18 NW	18 NW	23 NW	25 NW	30 NW	31 NW	30 NW	29 NW	25 NW
8	15 ESE	11 ESE	7 ESE	2 ESE	2 —	C	C	C	C	2 —	4 —	3 —
9	43 NNW	43 NNW	42 NNW	39 NNW	40 NNW	38 NNW	36 NNW	37 NNW	18 NNW	37 NNW	30 NW	15 NW
10	12 ESE	10 ESE	11 ESE	8 ESE	7 ESE	5 ESE	8 ESE	10 ESE	6 ESE	16 ESE	13 NNW	10 NNW
11	3 NNW	11 NNW	25 NNW	23 NNW	21 NNW	6 NNW	5 ESE	6 ESE	7 ESE	8 ESE	8 ESE	6 ESE
12	15 E	19 E	22 E	23 E	24 SE	31 SE	26 E	29 E	29 E	23 E	31 E	28 E
13	22 E	29 E	30 E	29 E	31 E	30 E	29 E	27 E	26 E	25 E	27 E	28 E
14	33 ESE	31 ESE	30 ESE	28 ESE	27 ESE	24 ESE	20 ESE	25 E	25 E	21 E	25 E	27 E
15	28 ESE	23 ESE	23 E	25 E	29 E	27 E	27 E	24 E	22 E	24 E	22 E	17 E
16	C	C	C	6 —	7 E	12 E	19 E	22 E	26 E	29 E	24 E	32 E
17	3 —	4 —	4 —	C	C	C	C	C	C	C	4 NW	11 NW
18	8 NW	C	C	C	C	C	C	C	4 NW	8 NW	12 NW	15 NW
19	14 NW	11 NW	4 NW	C	C	C	C	C	10 NW	12 NW	13 NW	10 NW
20	17 N	17 N	17 N	17 N	17 N	17 N	18 N	14 N	13 N	12 N	10 NW	6 W
21	23 ESE	28 ESE	25 ESE	27 ESE	30 ESE	29 ESE	34 ESE	33 ESE	29 ESE	30 ESE	25 ESE	27 ESE
22	29 ESE	29 ESE	25 ESE	16 ESE	15 ESE	16 ESE	14 ESE	12 ESE	14 ESE	16 ESE	15 ESE	12 ESE
23	25 ESE	21 ESE	18 ESE	17 ESE	14 ESE	17 ESE	16 ESE	18 ESE	18 ESE	20 ESE	19 ESE	22 ESE
24	C	C	C	C	C	C	C	C	C	C	C	2 —
25	C	C	C	C	C	C	C	C	C	2 —	3 —	5 —
26	6 var.	C	C	C	4 var.	6 var.	10 var.	7 var.	5 SE	2 SE	3 SE	2 SE
27	7 N	6 N	4 ESE	2 ESE	3 ESE	2 ESE	2 ESE	2 ESE	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	5 ESE
29	C	C	C	C	C	C	C	C	C	C	C	C
30	21 E	24 E	24 E	22 ESE	22 ESE	28 ESE	23 ESE	28 ESE	24 ESE	23 ESE	22 ESE	19 ESE
31	34 ESE	35 ESE	32 ESE	35 ESE	37 ESE	35 ESE	35 ESE	35 ESE	37 ESE	38 ESE	39 ESE	36 ESE
Mean	14·7	13·9	14·1	13·8	13·9	13·9	13·7	13·8	14·3	14·3	14·5	14·2

1911.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
4 ESE	6 ESE	6 ESE	5 ESE	4 ESE	4 ESE	4 ESE	3 ESE	2 —	C	C	C	2	1
C	2 —	2 —	2 —	2 —	4 —	3 —	4 —	4 NNW	6 NNW	8 NNW	8 NNW	3	2
7 SE	7 SE	7 SE	7 SE	4 SE	2 SE	3 NNW	7 NNW	16 NNW	19 NNW	24 NNW	24 NNW	7	3
29 ESE	34 ESE	37 ESE	39 ESE	29 ESE	37 ESE	47 ESE	37 ESE	29 ESE	27 ESE	23 ESE	21 ESE	24	4
21 E	26 E	28 E	27 E	24 E	24 E	24 E	31 E	28 E	32 E	29 E	33 E	22	5
32 ESE	32 ESE	32 ESE	32 ESE	20 ESE	14 NW	14 NW	13 NW	10 NW	7 NW	7 NW	5 —	27	6
21 NW	16 NW	13 NW	6 NW	C	C	C	2 —	4 ESE	5 ESE	9 ESE	14 ESE	14	7
13 NNW	24 NNW	24 NNW	29 NNW	32 NNW	35 NNW	37 NNW	44 NNW	45 NNW	44 NNW	42 NNW	43 NNW	19	8
19 NW	25 NW	27 WNW	24 WNW	19 WNW	7 NW	5 ESE	7 ESE	9 ESE	16 ESE	11 ESE	8 ESE	26	9
6 NNW	3 NNW	2 —	3 —	3 —	C	C	C	C	2 —	3 —	2 —	6	10
4 ESE	2 —	2 —	5 —	9 ESE	15 ESE	17 ESE	14 ESE	17 ESE	24 ESE	24 ESE	21 ESE	12	11
27 E	31 E	31 E	33 E	32 E	29 E	30 E	31 E	27 E	29 E	28 E	28 E	27	12
29 E	36 ESE	35 ESE	34 ESE	35 ESE	29 ESE	29 E	32 E	32 E	31 E	31 E	33 E	30	13
26 E	26 E	29 E	29 E	28 E	28 E	25 E	26 E	25 E	30 E	31 ESE	27 ESE	27	14
21 E	21 E	21 E	16 E	15 ESE	16 ESE	6 ESE	4 ESE	6 —	C	C	C	17	15
35 ESE	39 ESE	40 ESE	40 ESE	35 ESE	36 ESE	34 ESE	28 ESE	23 ESE	13 ESE	8 ESE	5 ESE	21	16
18 NW	19 NW	18 NW	18 NW	17 NW	14 NW	13 NW	5 NW	5 NW	8 NW	8 NW	10 NW	8	17
13 NW	9 NW	12 NW	15 NW	14 NW	17 NW	14 NW	11 NW	13 NW	16 NW	16 NW	15 NW	9	18
9 NW	15 NW	12 NW	15 NW	13 NW	17 NW	20 NW	17 NW	12 NNW	18 NNW	17 NNW	17 NNW	11	19
3 —	3 —	3 —	5 —	5 —	5 —	6 —	12 ESE	17 ESE	17 ESE	22 ESE	22 ESE	12	20
31 ESE	30 ESE	31 ESE	33 ESE	30 ESE	34 ESE	30 ESE	34 ESE	30 ESE	29 ESE	33 ESE	29 ESE	30	21
11 ESE	10 ESE	15 ESE	15 ESE	16 ESE	14 ESE	20 ESE	20 ESE	26 ESE	27 ESE	26 ESE	25 ESE	18	22
25 ESE	19 ESE	17 ESE	15 ESE	9 ESE	3 ESE	C	C	C	4 —	C	C	13	23
3 —	5 WNW	8 WNW	7 WNW	7 WNW	6 WNW	8 WNW	7 WNW	5 WNW	3 WNW	C	C	3	24
4 SE	3 SE	2 SE	3 SE	4 SE	2 SE	2 SE	C	C	C	C	C	1	25
2 var.	3 var.	4 var.	4 var.	6 var.	4 var.	4 var.	2 var.	2 N	5 N	5 N	5 N	4	26
C	C	2 —	2 NW	8 NW	14 NW	13 NW	13 NW	15 NW	12 NW	5 W	4 W	5	27
5 ESE	5 ESE	6 ESE	7 ESE	6 ESE	7 ESE	4 ESE	3 ESE	4 ESE	4 ESE	3 ESE	2 ESE	3	28
C	C	3 —	3 —	2 —	2 —	4 E	11 E	14 E	17 E	19 E	21 E	4	29
21 ESE	19 ESE	22 ESE	24 ESE	27 ESE	24 ESE	28 ESE	29 ESE	33 ESE	31 ESE	30 ESE	29 ESE	25	30
30 ESE	25 ESE	24 ESE	21 ESE	15 ESE	9 ESE	8 ESE	13 ESE	15 ESE	10 ESE	7 ESE	9 ESE	26	31
15·1	16·0	16·6	16·7	15·2	14·6	14·6	14·9	15·1	15·7	15·1	15·0	14·7	

TABLE 13. WIND—HOURLY VALUES

JANUARY,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	12 ESE	9 ESE	6 ESE	7 ESE	1 ESE	7 ESE	13 ESE	11 ESE	14 ESE	16 ESE	16 ESE	13 ESE
2	16 ESE	15 ESE	14 ESE	14 ESE	17 ESE	15 ESE	16 ESE	13 ESE	10 ESE	11 ESE	11 ESE	9 ESE
3	C	C	C	3 ESE	3 ESE	4 ESE	4 ESE	3 ESE	4 SSE	2 SSE	3 SE	6 ESE
4	15 WNW	2 ESE	2 ESE	2 ESE	2 ESE	2 ESE	2 ESE	4 ESE	5 ESE	5 ESE	5 SE	6 SE
5	5 —	5 —	1 —	6 —	4 —	4 —	2 —	2 —	2 —	2 —	2 —	2 —
6	7 WNW	5 ESE	4 ESE	4 ESE	6 ESE	7 ESE	5 ESE	4 ESE	6 ESE	7 ESE	7 ESE	5 var.
7	7 ESE	5 ESE	7 ESE	5 ESE	2 ESE	2 ESE	7 ESE	10 ESE	8 ESE	9 ESE	5 ESE	8 ESE
8	8 ESE	10 ESE	10 ESE	8 ESE	8 SE	7 SE	3 SE	2 —	2 —	3 —	4 —	4 ESE
9	4 var.	4 var.	2 var.	2 var.	2 var.	2 var.	2 var.	C	C	C	4 ESE	10 ESE
10	18 E	18 E	11 E	22 E	27 E	24 E	24 E	23 E	19 E	19 E	16 ESE	17 ESE
11	11 ESE	11 ESE	7 ESE	13 ESE	11 ESE	10 ESE	7 ESE	4 ESE	4 NW	5 NW	6 NW	5 NW
12	6 E	7 E	2 —	C	C	C	3 —	5 —	6 ESE	6 ESE	6 ESE	7 ESE
13	4 SE	5 SE	6 SE	5 SE	7 SE	7 SE	5 ESE	5 ESE	4 ESE	14 ESE	16 ESE	13 ESE
14	9 ESE	9 ESE	6 ESE	6 SE	6 SE	7 SE	4 SE	7 ESE	10 ESE	14 ESE	14 ESE	19 ESE
15	6 SE	6 SE	5 SE	7 SE	8 SE	6 SE	2 SE	C	C	C	5 SE	5 SE
16	C	C	C	C	C	C	C	C	C	C	5 ESE	8 ESE
17	C	C	C	C	C	4 —	2 —	C	C	C	C	C
18	23 ESE	24 ESE	27 ESE	28 ESE	29 ESE	32 ESE	32 ESE	33 ESE	33 ESE	33 ESE	34 ESE	32 ESE
19	10 SE	8 SE	7 SE	4 SE	3 var.	5 var.	7 var.	5 var.	2 var.	C	C	C
20	7 SE	7 SE	7 SE	2 SE	3 SE	2 SE	2 SE	4 SE	7 ESE	11 ESE	16 SE	24 SE
21	19 NNW	17 NNW	14 N	C	C	C	C	C	C	C	2 ESE	3 ESE
22	4 SE	8 SE	7 SE	6 SE	5 SE	5 SE	14 E	25 E	27 E	28 E	30 E	31 E
23	18 ESE	13 ESE	10 ESE	8 ESE	7 SE	5 SE	5 SE	4 SE	4 SE	3 SE	3 SE	C
24	C	C	C	C	3 ESE	4 ESE	3 ESE	4 ESE	5 ESE	5 ESE	5 ESE	3 ESE
25	3 —	2 —	2 —	C	C	C	C	4 SE	4 SE	4 SE	8 ESE	9 ESE
26	C	C	C	C	C	4 ESE	13 E	39 E	37 E	38 E	37 E	31 E
27	37 E	33 E	34 E	35 E	37 E	40 E	36 E	40 E	39 E	42 E	46 E	54 E
28	25 E	22 E	14 ESE	17 ESE	13 ESE	10 ESE	6 NW	8 NW	6 NW	4 ESE	8 ESE	9 ESE
29	15 E	17 E	17 E	19 E	27 E	28 E	34 ESE	34 ESE	39 ESE	40 ESE	40 ESE	37 ESE
30	11 ESE	13 ESE	10 ESE	10 ESE	10 E	14 E	18 E	19 E	14 E	11 ESE	14 ESE	11 ESE
31	20 NW	21 NW	21 NW	19 NW	11 SW	2 SW	2 SE	2 S	5 WNW	4 WNW	4 WNW	8 WNW
Mean	10·3	9·6	8·4	8·1	8·2	8·4	8·8	10·1	10·2	10·9	12·0	12·6

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12 13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
10 ESE	8 ESE	11 ESE	13 ESE	12 ESE	13 ESE	14 ESE	12 ESE	15 ESE	17 ESE	16 ESE	17 ESE	12	1
9 ESE	10 ESE	9 ESE	7 ESE	7 ESE	7 ESE	5 ESE	4 ESE	3 —	C	C	C	9	2
4 ESE	4 ESE	5 ESE	5 ESE	10 var.	12 var.	6 var.	18 WNW	24 NW	25 NW	25 NW	20 NW	8	3
4 SE	4 SE	4 var.	4 var.	3 var.	3 var.	3 var.	4 var.	3 —	3 —	3 —	5 —	4	4
2 —	2 —	8 WNW	11 WNW	11 WNW	10 WNW	10 WNW	12 WNW	17 WNW	17 WNW	13 WNW	12 WNW	7	5
3 var.	5 var.	4 var.	6 var.	5 var.	2 var.	2 var.	3 var.	1 var.	3 var.	3 var.	7 ESE	5	6
13 E	12 E	14 E	11 E	11 ESE	10 ESE	7 ESE	12 ESE	13 ESE	14 ESE	15 ESE	12 ESE	9	7
4 ESE	5 ESE	7 ESE	8 ESE	4 ESE	5 ESE	6 ESE	5 ESE	7 ESE	6 var.	6 var.	6 var.	6	8
17 E	21 E	22 E	24 E	20 E	17 E	16 E	15 E	15 E	12 E	14 E	17 E	10	9
17 ESE	17 ESE	17 ESE	14 ESE	9 ESE	8 ESE	6 ESE	5 ESE	5 ESE	4 ESE	4 ESE	5 ESE	15	10
2 NW	2 NW	3 SE	5 SE	5 SE	5 SE	4 —	3 —	C	C	C	3 —	5	11
5 ESE	5 ESE	5 ESE	4 ESE	8 ESE	11 ESE	13 ESE	8 ESE	10 SE	8 SE	8 SE	6 SE	6	12
8 ESE	9 ESE	16 ESE	13 ESE	10 ESE	8 ESE	9 ESE	12 ESE	9 ESE	7 ESE	7 SE	6 SE	9	13
21 ESE	21 ESE	22 ESE	23 ESE	22 E	19 E	18 E	18 E	17 ESE	10 ESE	5 SE	5 SE	13	14
4 SE	4 SE	4 SE	4 SE	5 SE	4 SE	2 SE	2 SE	2 —	C	C	C	3	15
8 ESE	11 ESE	15 ESE	17 ESE	16 ESE	16 ESE	11 ESE	8 ESE	8 ESE	4 ESE	3 —	C	5	16
C	2 —	4 SE	4 SE	4 SE	4 ESE	8 ESE	18 ESE	21 ESE	20 ESE	19 ESE	22 ESE	6	17
32 ESE	30 ESE	28 ESE	24 ESE	24 ESE	25 ESE	22 ESE	21 ESE	17 SE	17 SE	8 SE	7 SE	26	18
6 ESE	7 ESE	7 ESE	5 ESE	3 ESE	6 ESE	10 ESE	7 ESE	5 SE	4 SE	5 SE	6 SE	5	19
27 ESE	25 ESE	24 SE	23 SE	23 ESE	22 ESE	8 ESE	4 ESE	3 ESE	5 ESE	16 NNW	19 NNW	12	20
5 ESE	5 ESE	7 ESE	7 ESE	5 ESE	9 ESE	10 ESE	8 ESE	6 ESE	5 ESE	3 ESE	4 ESE	5	21
30 E	33 E	31 E	25 E	28 ESE	26 ESE	20 E	28 E	26 ESE	25 ESE	23 ESE	22 ESE	21	22
C	C	C	C	2 —	2 —	2 —	2 —	2 —	C	C	C	4	23
3 var.	2 var.	2 var.	3 var.	3 var.	4 var.	6 ESE	8 ESE	7 ESE	4 ESE	4 —	5 —	4	24
11 ESE	12 ESE	16 ESE	16 ESE	13 ESE	8 ESE	9 SE	7 SE	5 SE	2 SE	2 SE	C	6	25
30 E	31 E	27 E	29 E	27 E	30 E	29 E	29 E	29 E	21 E	29 E	36 E	23	26
52 E	48 E	42 E	40 ESE	39 ESE	42 ESE	37 E	35 E	33 E	31 E	27 E	25 E	39	27
11 ESE	10 ESE	8 ESE	11 ESE	12 ESE	11 ESE	11 ESE	11 ESE	11 ESE	12 ESE	7 ESE	9 ESE	11	28
33 E	32 E	35 E	34 E	32 E	25 E	28 E	25 E	24 E	21 E	15 ESE	17 ESE	28	29
11 ESE	17 ESE	23 ESE	22 ESE	15 ESE	14 ESE	13 E	8 E	7 NNW	14 NNW	20 NNW	22 NNW	11	30
11 NW	15 NNW	14 NNW	14 NW	13 NW	10 NW	8 NNW	5 NNW	4 NNW	6 NNW	6 NNW	C	9	31
12·7	13·2	14·0	13·8	13·0	12·5	11·4	11·5	11·4	10·6	9·9	10·2	10·9	

TABLE 13. WIND—HOURLY VALUES

FEBRUARY,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	C	C	C	C	3 ESE	3 ESE	5 ESE	4 ESE	2 ESE	2 ESE	2 ESE	2 SE
2	8 ESE	7 ESE	7 ESE	6 ESE	8 ESE	8 ESE	5 ESE	4 ESE	11 ESE	7 ESE	10 ESE	10 ESE
3	7 ESE	4 ESE	2 ESE	2 ESE	5 ESE	5 ESE	5 ESE	4 ESE	7 ESE	9 ESE	10 ESE	9 ESE
4	1 ESE	1 ESE	1 ESE	1 ESE	4 ESE	5 SE	7 SE	8 ESE	10 ESE	8 ESE	16 ESE	8 ESE
5	C	C	2 —	3 var.	C	C	C	C	C	C	C	C
6	35 ESE	25 ESE	25 ESE	25 ESE	25 ESE	19 ESE	23 ESE	25 ESE	26 ESE	21 ESE	28 ESE	30 ESE
7	4 ESE	5 E	7 var.	16 var.	14 var.	11 var.	5 —	2 —	C	C	C	C
8	4 var.	2 var.	4 —	2 —	C	C	C	C	1 var.	4 SE	4 SE	5 SE
9	11 ESE	11 ESE	11 ESE	10 ESE	10 ESE	5 ESE	4 ESE	7 ESE	8 ESE	10 ESE	8 ESE	7 ESE
10	2 var.	2 var.	2 var.	3 var.	3 var.	3 var.	2 var.	3 var.	4 var.	13 NW	12 NW	14 NW
11	11 SE	11 ESE	14 ESE	20 ESE	26 ESE	32 ESE	35 ESE	30 ESE	31 ESE	40 ESE	36 ESE	38 ESE
12	22 ESE	15 ESE	9 ESE	5 SE	7 SE	5 SE	4 SE	3 —	C	2 —	2 —	2 var.
13	8 var.	7 var.	6 var.	4 —	2 —	2 —	2 var.	3 var.	3 SE	4 SE	3 SE	3 SE
14	11 var.	11 var.	8 var.	7 var.	4 var.	5 var.	5 var.	3 var.	5 var.	5 var.	4 var.	2 var.
15	C	C	C	C	6 —	18 NW	17 NW	17 NW	16 NW	16 NW	14 NW	13 NW
16	34 ESE	34 ESE	35 ESE	36 ESE	34 ESE	36 ESE	38 ESE	38 ESE	38 ESE	36 ESE	32 ESE	32 ESE
17	35 ESE	34 ESE	35 ESE	35 ESE	38 ESE	38 ESE	41 ESE	41 ESE	43 ESE	43 ESE	42 ESE	42 ESE
18	29 ESE	35 ESE	28 ESE	29 ESE	29 ESE	31 ESE	31 ESE	26 ESE	28 ESE	31 ESE	23 ESE	23 ESE
19	26 ESE	28 ESE	32 ESE	37 ESE	41 ESE	41 SE	44 SE	46 SE	44 SE	47 SE	43 SE	43 SE
20	43 ESE	44 ESE	43 ESE	44 ESE	43 ESE	44 ESE	46 ESE	44 ESE	49 ESE	47 ESE	47 ESE	47 ESE
21	45 ESE	46 ESE	48 ESE	46 ESE	47 ESE	44 ESE	43 ESE	46 ESE	43 ESE	40 ESE	40 ESE	13 ESE
22	29 ESE	25 ESE	23 ESE	22 ESE	20 ESE	19 ESE	20 SE	24 SE	18 SE	20 SE	13 ESE	12 ESE
23	37 E	37 ESE	40 ESE	40 ESE	37 ESE	35 ESE	35 ESE	35 ESE	24 ESE	25 ESE	26 ESE	26 ESE
24	15 ESE	7 ESE	5 ESE	4 —	5 —	6 NNW	6 NNW	15 NNW	25 NNW	7 ESE	5 ESE	3 —
25	32 ESE	31 ESE	31 ESE	31 ESE	29 ESE	31 ESE	29 ESE	28 ESE	25 ESE	29 ESE	29 ESE	29 ESE
26	39 ESE	37 ESE	38 ESE	42 ESE	48 ESE	49 ESE	51 ESE	54 ESE	53 ESE	51 ESE	49 ESE	61 ESE
27	34 ESE	37 ESE	37 ESE	34 ESE	37 ESE	41 ESE	34 ESE	25 ESE	22 ESE	21 ESE	26 ESE	26 ESE
28	37 ESE	35 ESE	43 ESE	43 ESE	42 ESE	42 ESE	46 ESE	52 ESE	50 ESE	48 ESE	49 ESE	49 ESE
29	20 SSE	6 SSE	C	C	C	C	2 —	4 —	2 —	2 —	C	2 —
Mean	20·0	18·6	18·6	18·9	19·6	20·0	20·2	20·4	20·3	20·3	19·8	20·1

1912.

V Velocity in miles per hour.
D Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
6 NW	14 NW	12 WNW	11 WNW	13 WNW	13 WNW	5 NNW	3 ENE	4 E	4 E	6 ESE	8 ESE	5	1
21 ESE	23 ESE	30 ESE	28 ESE	25 ESE	23 ESE	21 ESE	19 ESE	19 ESE	11 ESE	7 SE	7 ESE	14	2
10 ESE	11 SE	9 ESE	8 ESE	6 ESE	7 ESE	6 ESE	4 ESE	2 E	2 ENE	2 ENE	2 SE	6	3
14 ESE	12 ESE	11 ESE	*10* ESE	*8* ESE	*5* ESE	*C*	*2* SE	*2* —	*2* —	*C*	*C*	7	4
8 E	*16* E	21 E	40 E	37 E	35 E	38 E	37 E	32 E	35 E	32 E	32 E	32	5
26 ESE	23 ESE	25 ESE	29 ESE	27 ESE	25 ESE	27 ESE	31 ESE	19 E	19 E	11 E	7 E	24	6
1 ESE	4 ESE	5 ESE	7 ESE	6 ESE	4 ESE	5 ESE	4 ESE	5 ESE	6 ESE	5 ESE	4 ESE	5	7
7 SE	5 SE	7 ESE	7 ESE	8 ESE	8 ESE	6 ESE	5 ESE	5 ESE	7 ESE	8 ESE	8 ESE	5	8
6 ESE	8 ESE	7 ESE	7 ESE	8 ESE	7 ESE	5 ESE	4 var.	2 var.	2 var.	3 var.	2 var.	7	9
17 NW	16 NW	19 NNW	19 NNW	16 NNW	16 N	14 N	11 N	4 ESE	9 ESE	9 SE	6 SE	9	10
38 ESE	42 ESE	39 ESE	34 ESE	35 ESE	36 ESE	30 ESE	28 ESE	26 ESE	30 ESE	22 ESE	23 ESE	30	11
4 var.	5 var.	5 var.	6 var.	4 var.	4 —	2 —	2 —	C	1 var.	5 var.	7 var.	5	12
3 SE	4 SE	6 SE	6 SE	5 SE	5 SE	4 SE	5 SE	4 SE	4 SE	11 var.	11 var.	5	13
2 var.	3 var.	3 W	14 W	24 NW	23 NW	23 NW	19 NW	8 NW	5 SE	1 ESE	2 ESE	8	14
10 NW	7 NW	4 var.	5 var.	11 var.	14 ESE	13 ESE	15 ESE	16 ESE	18 ESE	27 ESE	31 ESE	12	15
37 ESE	35 ESE	34 ESE	30 ESE	30 ESE	30 ESE	31 ESE	32 ESE	33 ESE	31 ESE	33 ESE	33 ESE	31	16
44 ESE	40 ESE	38 ESE	43 ESE	40 ESE	37 ESE	35 ESE	35 ESE	36 ESE	36 ESE	30 ESE	32 ESE	38	17
23 ESE	22 ESE	19 ESE	20 ESE	19 ESE	17 ESE	15 ESE	17 ESE	13 ESE	15 ESE	20 ESE	24 ESE	24	18
47 ESE	46 ESE	48 ESE	46 ESE	46 ESE	45 ESE	46 ESE	46 ESE	43 ESE	44 ESE	46 ESE	42 ESE	42	19
47 ESE	48 ESE	50 ESE	49 ESE	47 ESE	49 ESE	48 ESE	46 ESE	46 ESE	46 ESE	44 ESE	44 ESE	46	20
48 ESE	43 ESE	43 ESE	43 ESE	41 ESE	39 ESE	37 ESE	34 ESE	32 ESE	31 ESE	29 ESE	31 ESE	41	21
10 ESE	9 ESE	10 SE	18 SE	25 SE	31 E	31 E	34 E	31 E	31 E	33 E	31 E	23	22
25 ESE	22 ESE	20 ESE	23 ESE	25 ESE	25 ESE	28 ESE	26 ESE	26 ESE	23 ESE	18 ESE	12 ESE	28	23
2 —	3 —	5 —	5 —	6 —	13 ESE	18 ESE	24 ESE	25 ESE	26 ESE	28 ESE	32 ESE	12	24
32 ESE	33 ESE	34 ESE	35 ESE	38 ESE	39 ESE	38 ESE	40 ESE	38 ESE	40 ESE	28 ESE	34 ESE	33	25
63 ESE	59 ESE	55 ESE	56 ESE	54 ESE	49 ESE	49 ESE	48 ESE	45 ESE	42 ESE	38 ESE	40 ESE	49	26
28 ESE	17 ESE	17 ESE	18 ESE	17 ESE	20 ESE	21 ESE	16 ESE	21 ESE	24 ESE	25 ESE	27 ESE	26	27
47 ESE	47 ESE	46 ESE	43 ESE	44 ESE	40 ESE	29 ESE	25 ESE	25 ESE	21 SE	21 SE	20 SE	39	28
2 —	2 —	2 —	2 —	2 —	3 —	4 SE	8 SE	7 SE	6 SE	8 SE	9 SSE	4	29
21·7	21·3	21·5	22·8	23·0	22·8	21·7	21·1	19·7	19·7	19·2	19·3	20·5	

TABLE 13. WIND—HOURLY VALUES

March,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	11 SE	9 SE	9 SE	11 S	6 S	9 S	6 SE	5 —	4 —	4 —	4 —	4 —
2	32 ESE	35 ESE	35 ESE	39 ESE	40 ESE	43 ESE	48 ESE	47 ESE	47 ESE	42 ESE	43 ESE	46 ESE
3	18 ESE	18 ESE	20 ESE	20 ESE	21 ESE	20 ESE	18 ESE	19 ESE	25 ESE	19 ESE	17 ESE	13 ESE
4	17 SSE	15 SSE	15 SSE	12 SSE	7 SSE	5 NNW	10 NNW	12 NNW	17 NNW	18 NNW	21 NNW	22 NNW
5	8 var.	4 —	7 SE	6 SE	21 SE	23 SE	20 SE	23 SE	13 ESE	9 ESE	14 ESE	13 ESE
6	15 ESE	6 ESE	8 NNW	8 NNW	9 NNW	5 NNW	4 NNW	4 NNW	*20* E	*20* E	*20* ESE	*10* —
7	26 NNW	25 NNW	20 NNW	15 NNW	18 NNW	18 NNW	17 NNW	11 NNW	6 NNW	4 NNW	6 NNW	4 NNW
8	16 NNW	10 var.	17 ESE	30 ESE	33 ESE	11 ESE	11 ESE	38 ESE	32 ESE	31 ESE	24 ESE	19 ESE
9	31 ESE	28 ESE	26 ESE	28 ESE	20 ESE	18 ESE	21 ESE	26 ESE	32 ESE	26 ESE	31 ESE	31 ESE
10	6 var.	6 NW	6 NW	7 NW	6 NW	14 NW	23 NW	25 NW	26 NW	24 NW	26 NW	28 NW
11	3 —	2 —	2 —	2 —	2 —	2 —	9 ESE	21 ESE	31 ESE	37 ESE	42 ESE	49 ESE
12	55 E	55 E	55 E	61 E	54 E	50 E	43 ESE	37 ESE	34 ESE	33 E	34 E	34 E
13	12 ESE	8 ESE	9 SE	8 SE	10 SE	7 SSE	6 SSE	4 SSE	4 SSE	4 SSE	3 SSE	7 SSE
14	40 ESE	40 ESE	36 ESE	35 ESE	36 ESE	37 ESE	34 ESE	23 ESE	19 ESE	7 ESE	12 ESE	27 ESE
15	20 NW	23 NW	20 NW	12 NW	10 NW	6 NW	3 —	4 —	4 —	13 SE	13 SE	17 ESE
16	15 ESE	19 ESE	28 ESE	21 ESE	15 ESE	14 ESE	17 ESE	34 ESE	28 ESE	31 ESE	29 ESE	29 ESE
17	15 ESE	9 ESE	4 ESE	8 NW	4 NW	7 NW	11 NW	7 NW	6 ESE	9 ESE	7 ESE	6 ESE
18	2 —	2 —	5 —	5 —	5 —	4 —	5 —	4 —	*10* NE	*8* NE	*11* N	*13* NNW
19	*33* NW	*11* NW	*5* —	*5* —	*9* ESE	*8* ESE	*11* ESE	*19* ESE	26 ESE	28 ESE	32 ESE	31 ESE
20	40 ESE	42 E	52 E	55 E	59 E	64 E	57 E	61 E	56 E	62 E	64 E	61 E
21	58 E	60 E	56 E	55 E	49 E	43 E	51 E	45 E	44 E	54 E	56 E	54 E
22	25 E	20 E	8 E	18 E	17 E	23 E	34 E	29 E	29 E	27 E	23 E	20 E
23	31 E	26 E	21 E	14 E	10 E	4 —	20 NNW	27 NNW	28 NNW	34 NNW	37 NNW	36 NNW
24	31 ESE	13 ESE	7 NNW	5 NNW	10 NNW	17 NNW	17 NNW	13 NNW	11 NNW	10 NNW	11 NNW	9 NNW
25	43 ESE	46 ESE	52 ESE	53 ESE	52 ESE	18 ESE	39 ESE	38 ESE	40 ESE	42 ESE	39 ESE	47 ESE
26	47 ESE	49 ESE	51 ESE	58 ESE	61 E	59 E	57 E	64 E	58 E	66 E	65 E	68 E
27	55 ESE	56 ESE	58 ESE	64 ESE	57 ESE	50 ESE	55 ESE	55 ESE	61 ESE	52 ESE	48 ESE	40 E
28	11 ESE	10 ESE	13 ESE	25 ESE	30 ESE	28 ESE	25 ESE	28 ESE	32 ESE	31 ESE	23 ESE	15 ESE
29	24 ESE	24 ESE	15 ESE	15 ESE	18 ESE	15 ESE	20 ESE	9 ESE	4 ESE	1 ESE	1 ESE	1 ESE
30	10 ESE	6 ESE	12 ESE	13 ESE	13 ESE	13 ESE	10 ESE	9 ESE	10 ESE	9 ESE	8 ESE	9 ESE
31	15 ESE	18 ESE	20 ESE	23 ESE	10 ESE	14 ESE	21 ESE	23 ESE	19 ESE	16 ESE	21 ESE	21 ESE
Mean	24·7	22·4	22·3	23·6	23·0	21·9	23·3	24·6	25·0	24·9	25·3	25·3

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
3 —	5 —	C	C	C	C	2 —	7 ESE	11 ESE	15 ESE	23 ESE	25 ESE	7	1
49 ESE	54 ESE	53 ESE	52 ESE	48 ESE	44 ESE	43 ESE	43 ESE	35 ESE	40 ESE	37 ESE	31 ESE	43	2
21 ESE	25 ESE	29 ESE	31 ESE	19 ESE	23 ESE	28 ESE	35 ESE	31 ESE	27 ESE	22 ESE	16 ESE	22	3
23 NNW	22 NNW	21 NNW	22 NNW	22 NNW	14 NNW	11 WNW	9 WNW	8 WNW	13 var.	10 var.	11 var.	15	4
21 ESE	24 ESE	21 ESE	15 ESE	18 ESE	9 FSE	9 ESE	7 ESE	12 ESE	11 ESE	18 ESE	17 ESE	14	5
C	*10* E	*5* E	*C*	*C*	*C*	15 N	18 N	19 N	20 N	20 N	23 NNW	11	6
6 NNW	7 NNW	20 NNW	23 NNW	26 NNW	27 NNW	28 NNW	27 NNW	29 NNW	28 NNW	28 NNW	22 NNW	18	7
14 ESE	14 ESE	28 ESE	32 ESE	28 ESE	25 ESE	26 ESE	34 ESE	36 ESE	33 ESE	28 ESE	31 ESE	25	8
31 ESE	24 ESE	27 ESE	28 ESE	25 ESE	20 ESE	19 ESE	18 ESE	15 ESE	16 ESE	13 ESE	13 ESE	24	9
25 NW	20 NW	11 WNW	9 WNW	16 S	10 S	6 S	2 —	2 —	3 —	3 —	6 SE	13	10
53 ESE	54 ESE	55 ESE	55 ESE	58 ESE	56 ESE	54 ESE	55 ESE	55 ESE	49 ESE	55 ESE	55 E	36	11
15 ESE	15 ESE	15 ESE	20 ESE	37 ESE	38 ESE	25 ESE	35 ESE	30 ESE	27 ESE	23 ESE	18 ESE	35	12
13 SSE	4 SSE	3 SSE	3 SSE	7 SSE	22 SSE	25 SSE	30 SSE	34 SSE	37 SE	40 SE	43 ESE	14	13
22 ESE	8 NNW	7 NNW	10 NW	13 NW	17 NW	15 NW	21 NW	29 NW	31 NW	30 NW	29 NW	24	14
30 ESE	40 ESE	43 ESE	41 ESE	43 ESE	42 ESE	38 ESE	35 ESE	37 ESE	28 ESE	18 ESE	17 ESE	23	15
29 ESE	30 ESE	31 ESE	26 ESE	35 ESE	29 ESE	25 ESE	25 ESE	24 ESE	20 ESE	21 ESE	18 ESE	25	16
8 ESE	6 ESE	10 ESE	10 ESE	8 ESE	4 —	C	C	2 —	4 —	4 —	2 —	6	17
14 NW	*13* W	*13* W	*9* W	*7* SW	*9* SW	*11* SW	*8* SW	*6* SW	*11* SW	*11* var.	*33* NW	9	18
31 ESE	32 ESE	21 ESE	39 E	50 E	51 E	45 E	43 E	41 E	39 E	37 ESE	34 ESE	28	19
55 E	56 E	60 E	64 E	59 E	64 E	61 E	61 E	62 E	58 E	59 E	54 E	58	20
43 E	43 E	39 E	42 E	41 E	41 E	34 E	43 E	43 E	35 E	31 E	33 E	46	21
25 E	29 E	31 E	32 E	27 E	22 E	21 E	18 E	24 E	27 E	30 E	29 E	25	22
34 NNW	33 NNW	32 NNW	27 NNW	22 NNW	14 NNW	3 NNW	3 E	6 E	7 E	12 ESE	23 ESE	21	23
12 NNW	11 NNW	9 NNW	10 ESE	25 ESE	33 ESE	38 ESE	42 ESE	46 ESE	43 ESE	48 ESE	47 ESE	22	24
34 ESE	35 ESE	39 ESE	37 ESE	51 ESE	54 ESE	44 ESE	48 ESE	42 ESE	42 ESE	42 ESE	45 ESE	44	25
66 E	65 E	64 E	62 E	61 E	58 E	64 E	61 E	62 E	58 E	58 E	59 E	60	26
38 E	25 E	25 E	27 E	27 E	31 E	25 E	28 E	31 E	19 ESE	7 ESE	13 ESE	40	27
7 ESE	10 ESE	18 ESE	24 ESE	25 ESE	25 ESE	25 ESE	22 ESE	22 ESE	18 ESE	25 ESE	26 ESE	22	28
1 ESE	1 ESE	1 ESE	3 ESE	4 ESE	2 ESE	2 ESE	3 ESE	4 ESE	7 ESE	5 ESE	9 ESE	8	29
6 ESE	16 ESE	13 ESE	14 ESE	13 ESE	15 ESE	20 ESE	18 ESE	15 ESE	13 ESE	13 ESE	17 ESE	12	30
17 ESE	18 ESE	20 ESE	20 ESE	22 ESE	22 ESE	23 ESE	23 ESE	22 ESE	22 ESE	23 ESE	22 ESE	20	31
24·1	24·2	21·7	25·4	27·0	26·5	25·4	26·6	26·9	25·9	25·6	26·5	24·8	

TABLE 13. WIND—HOURLY VALUES

APRIL,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	20 ESE	24 ESE	23 ESE	21 ESE	25 ESE	25 ESE	23 ESE	25 ESE	24 ESE	26 ESE	28 ESE	26 ESE
2	20 ESE	18 ESE	6 ESE	9 ESE	13 ESE	6 ESE	3 ESE	11 ESE	15 ESE	10 ESE	9 ESE	7 ESE
3	17 ESE	12 ESE	13 ESE	15 ESE	16 ESE	13 ESE	9 ESE	9 ESE	7 ESE	10 ESE	13 ESE	13 ESE
4	7 NNW	6 NNW	6 NNW	4 NNW	2 NNW	2 NNW	6 NNW	10 NNW	9 NNW	10 NNW	14 NNW	18 NNW
5	26 NNW	22 NNW	25 NNW	34 NW	31 NW	31 NW	34 NW	28 NW	33 NW	23 NW	18 NW	20 NW
6	C	2 —	6 ESE	16 ESE	16 ESE	22 ESE	16 ESE	5 ESE	9 ESE	23 ESE	25 ESE	26 ESE
7	39 E	35 E	32 E	32 E	32 ESE	32 ESE	34 ESE	36 ESE	31 ESE	29 ESE	31 ESE	32 ESE
8	13 E	26 E	29 E	25 E	34 E	46 E	49 E	43 E	46 E	46 E	49 E	50 E
9	43 *ESE*	41 *ESE*	43 *ESE*	43 *ESE*	41 *ESE*	49 *ESE*	51 *ESE*	48 *ESE*	53 *ESE*	51 *ESE*	48 *ESE*	43 *ESE*
10	28 *ESE*	29 *ESE*	29 *ESE*	25 *ESE*	28 *ESE*	34 *ESE*	30 *ESE*	34 *ESE*	38 *ESE*	37 *ESE*	34 *ESE*	34 *ESE*
11	41 *ESE*	35 *ESE*	40 *ESE*	46 *ESE*	43 *ESE*	32 *ESE*	24 *ESE*	23 *ESE*	28 *ESE*	37 *ESE*	27 *ESE*	25 *ESE*
12	29 *ESE*	29 *ESE*	35 *ESE*	40 *ESE*	26 *ESE*	13 *ESE*	9 *ESE*	2 —	2 —	2 —	2 —	4 —
13	3 *SSE*	12 *SE*	21 *SE*	23 *SE*	26 *ESE*	28 *ESE*	31 *ESE*	26 *ESE*	26 *ESE*	10 *ESE*	8 *ESE*	21 *ESE*
14	12 ESE	8 ESE	14 SE	20 SE	17 SE	12 SE	12 SE	10 SE	11 SE	6 SE	7 ESE	6 ESE
15	16 —	13 NNW	17 NNW	25 NNW	20 N	18 N	27 N	26 NNW	25 —	25 —	26 —	20 ESE
16	4 ESE	4 ESE	7 ESE	4 ESE	4 ESE	12 ESE	13 ESE	18 ESE	18 E	21 E	23 ENE	7 ENE
17	6 N	6 N	6 NNW	7 NW	10 NW	10 WNW	10 WNW	12 WNW	12 WNW	10 —	13 —	15 —
18	11 NNW	6 NNW	6 NW	3 NW	10 WNW	15 WNW	10 WNW	5 NNW	6 NNW	4 NNW	17 NNW	8 NNW
19	34 SE	35 SE	37 ESE	47 ESE	45 ESE	52 ESE	44 ESE	46 ESE	47 ESE	46 ESE	54 ESE	59 ESE
20	*47* SE	*51* ESE	*52* ESE	*47* ESE	*40* ESE	*36* ESE	*33* ESE	*33* ESE	*27* ESE	*27* ESE	*27* E	*25* E
21	31 SE	30 SE	35 SE	29 SE	26 SE	21 SE	22 SE	6 SE	6 SE	4 SE	5 SE	6 ESE
22	10 ESE	9 ESE	12 ESE	20 ESE	22 ESE	18 ESE	17 ESE	24 ESE	17 ESE	18 ESE	20 ESE	26 ESE
23	7 —	4 —	6 —	8 —	4 —	5 —	5 —	7 —	10 —	10 —	10 —	12 —
24	6 —	3 —	3 —	6 —	8 —	10 —	8 —	10 —	7 —	6 —	8 —	8 —
25	7 —	10 —	10 —	22 —	22 —	17 —	13 —	13 —	12 —	10 —	12 —	4 —
26	18 *NNW*	25 *NNW*	21 *NNW*	20 *NNW*	22 *NNW*	24 *NNW*	21 *NNW*	25 *NNW*	25 *NNW*	26 *NNW*	22 *NNW*	20 *NNW*
27	25 —	25 —	23 —	19 —	7 —	6 —	5 —	4 —	9 —	16 —	18 —	14 —
28	13 *ESE*	15 *ESE*	12 *ESE*	29 *ESE*	29 *ESE*	25 *ESE*	24 *ESE*	25 *ESE*	25 *ESE*	28 *ESE*	30 *ESE*	31 *ESE*
29	41 *ESE*	45 *ESE*	46 *ESE*	43 *ESE*	40 *ESE*	51 *ESE*	49 *ESE*	43 *ESE*	41 *ESE*	35 *ESE*	31 *ESE*	29 *ESE*
30	6 *ESE*	3 *ESE*	10 *ESE*	15 *ESE*	15 *ESE*	8 *ESE*	6 *ESE*	12 *ESE*	10 *ESE*	7 —	7 —	6 —
Mean	19·5	19·4	20·7	23·2	22·5	22·4	21·3	20·6	21·0	20·4	21·2	20·5

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
28 ESE	25 ESE	26 ESE	26 ESE	27 ESE	28 ESE	28 ESE	27 ESE	25 ESE	25 ESE	23 ESE	21 ESE	25	1
5 ESE	10 ESE	20 ESE	21 ESE	22 ESE	18 ESE	25 ESE	27 ESE	21 ESE	21 ESE	21 ESE	24 ESE	15	2
12 ESE	13 ESE	10 ESE	2 ESE	3 ESE	7 ESE	6 ESE	8 ESE	6 ESE	6 NNW	6 NNW	6 NNW	10	3
17 NNW	18 NNW	17 NNW	20 NNW	20 NNW	20 NNW	28 NNW	26 NNW	17 NNW	21 NNW	28 NNW	29 NNW	15	4
20 NW	4 —	3 —	2 —	2 —	2 —	2 —	2 —	2 —	2 —	C	C	15	5
21 ESE	22 ESE	26 ESE	25 ESE	23 ESE	21 ESE	21 ESE	23 ESE	32 E	37 E	36 E	37 E	21	6
34 ESE	39 ESE	34 ESE	29 ESE	25 ESE	21 ESE	20 SSE	22 SE	20 SE	10 ESE	11 ESE	9 ESE	28	7
39 E	43 E	43 E	49 E	52 E	52 E	49 E	46 E	43 E	47 E	48 E	46 E	42	8
43 *ESE*	48 *ESE*	45 *ESE*	47 *ESE*	49 *ESE*	42 *ESE*	37 *ESE*	35 *ESE*	34 *ESE*	33 *ESE*	32 *ESE*	29 *ESE*	43	9
21 *ESE*	14 *ESE*	4 *ESE*	4 *ESE*	12 *ESE*	10 *SE*	18 *SE*	29 *SSE*	33 *SSE*	31 *SSE*	34 *SSE*	37 *SE*	26	10
43 *ESE*	40 *ESE*	34 *ESE*	18 *ESE*	6 *ESE*	15 *ESE*	13 *ESE*	11 *SE*	11 *SE*	9 *ESE*	19 *ESE*	28 *ESE*	27	11
7 *ESE*	4 *ESE*	6 *ESE*	12 *ESE*	13 *ESE*	13 *ESE*	16 *S*	15 *S*	10 *S*	6 *S*	5 *SSE*	4 *SSE*	13	12
23 *ESE*	18 *ESE*	17 *ESE*	12 *ESE*	18 *ESE*	26 *ESE*	21 *ESE*	13 *ESE*	7 *ESE*	8 *ESE*	10 *ESE*	12 *ESE*	18	13
6 ESE	12 ESE	14 ESE	12 ESE	12 ESE	9 ESE	11 ESE	12 ESE	13 ESE	12 ESE	15 ESE	13 ESE	12	14
21 ESE	17 SE	16 SE	12 SE	13 SE	15 SE	17 ESE	8 ESE	18 ESE	7 ESE	4 ESE	2 ESE	17	15
7 NNW	7 NNW	9 NNW	9 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	4 NNW	4 N	9	16
18 —	10 NNW	5 —	4 —	4 —	8 —	8 —	9 —	7 N	7 N	7 N	12 N	9	17
7 N	4 N	6 N	10 N	8 N	6 NNW	7 NNW	9 NNW	6 NNW	7 NNW	10 NNW	25 SE	9	18
60 ESE	*60* ESE	*60* ESE	*57* ESE	*57* ESE	*53* ESE	*53* ESE	*51* SE	*47* SSE	*53* SSE	*47* SE	*47* SE	50	19
25 E	*24* ESE	*24* ESE	24 ESE	23 ESE	21 ESE	23 SE	19 SE	18 SE	18 SE	21 SE	28 SE	30	20
10 ESE	14 ESE	15 ESE	18 ESE	13 ESE	10 ESE	6 ESE	6 ESE	6 ESE	9 ESE	9 ESE	12 ESE	15	21
29 ESE	23 SE	25 SE	28 SE	27 SE	23 SE	18 SE	16 SE	10 SE	7 SE	7 ESE	10 ESE	18	22
14 —	9 —	7 —	6 —	6 —	5 —	9 —	13 —	16 —	12 —	12 —	9 —	9	23
7 —	7 —	9 —	16 —	17 —	17 —	20 —	20 —	20 —	18 —	18 —	12 —	11	24
3 —	2 —	2 —	6 —	10 —	13 —	13 —	13 —	12 —	9 —	2 —	3 —	10	25
15 *NNW*	12 *NNW*	11 —	11 —	12 —	13 —	18 —	16 —	21 —	17 —	18 —	22 —	19	26
10 —	17 —	21 —	17 —	18 —	18 —	18 —	18 —	6 —	7 —	8 —	8 —	14	27
32 *ESE*	39 *ESE*	47 *ESE*	46 *ESE*	49 *ESE*	52 *ESE*	49 *ESE*	43 *ESE*	43 *ESE*	46 *ESE*	46 *ESE*	45 *ESE*	34	28
43 *ESE*	29 *ESE*	31 *ESE*	34 *ESE*	43 *ESE*	42 *ESE*	40 *ESE*	40 *ESE*	32 *ESE*	32 *ESE*	26 *ESE*	9 *ESE*	37	29
9 —	6 —	4 —	5 —	10 —	14 —	15 —	15 —	17 —	13 —	7 —	4 —	9	30
21·0	19·7	19·7	19·4	20·0	20·0	20·5	19·9	18·6	17·9	17·8	18·3	20·2	

TABLE 13. WIND—HOURLY VALUES

May,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	6 —	C	C	C	C	C	5 —	9 *ESE*	8 *ESE*	5 *ESE*	9 *ESE*	9 *ESE*
2	42 ESE	45 ESE	39 ESE	42 ESE	44 ESE	49 ESE	50 ESE	49 ESE	51 ESE	42 ESE	43 ESE	46 ESE
3	50 E	49 E	50 E	48 E	48 E	49 E	50 E	48 E	44 E	48 E	49 E	49 E
4	59 E	59 E	59 E	67 E	64 E	62 E	65 E	55 E	61 ESE	80 SE	81 SE	57 ESE
5	35 E	37 E	42 E	39 E	42 E	45 E	43 E	44 E	45 E	50 E	53 E	52 E
6	43 ESE	42 ESE	39 ESE	39 ESE	47 ESE	43 ESE	40 ESE	35 ESE	37 ESE	27 ESE	28 ESE	28 ESE
7	32 NNW	18 NNW	5 NNW	9 NNW	8 NNW	5 NNW	7 NNW	8 NNW	5 NNW	3 ESE	1 ESE	2 ESE
8	10 var.	9 var.	19 var.	14 var.	18 var.	16 var.	16 var.	18 var.	16 var.	17 var.	10 var.	9 var.
9	29 ESE	22 ESE	21 ESE	29 ESE	26 ESE	15 ESE	29 ESE	40 ESE	45 ESE	42 ESE	40 ESE	37 ESE
10	17 NNW	16 NNW	10 NNW	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	8 SE	19 SE	11 SE
12	2 —	2 —	7 SE	9 SE	7 SE	13 ESE	9 ESE	20 ESE	27 ESE	28 ESE	34 ESE	34 NNW
13	19 ESE	35 ESE	32 SE	32 SE	35 ESE	39 ESE	41 ESE	29 ESE	30 ESE	35 ESE	37 E	39 E
14	17 ESE	12 ESE	14 ESE	37 E	40 E	43 E	45 ESE	39 ESE	44 E	39 ESE	25 ESE	23 ESE
15	49 E	49 E	52 E	46 E	45 E	42 ESE	42 ESE	34 ESE	31 ESE	32 E	38 E	36 ESE
16	*20* ESE	*24* ESE	*16* ESE	*14* ESE	*10* ESE	*5* ESE	*5* ESE	*C*	*C*	*5* ESE	*10* ESE	11 ESE
17	7 N	5 ESE	6 ESE	8 ESE	7 ESE	7 ESE	4 ESE	3 ESE	9 ESE	24 ESE	29 ESE	25 ESE
18	9 ESE	9 ESE	5 ESE	7 ESE	7 N	6 N	6 N	7 N	17 NNW	20 NNW	19 NNW	18 NNW
19	3 NNW	2 —	3 —	3 —	6 SE	4 SE	6 SE	6 SE	6 SE	4 SE	4 SE	4 SE
20	10 ESE	7 ESE	6 ESE	6 ESE	6 ESE	11 ESE	15 ESE	15 ESE	12 ESE	10 ESE	18 ESE	17 ESE
21	26 ESE	25 SE	19 SE	21 SE	18 SE	19 SE	20 SE	19 SE	18 SSE	17 SSE	12 SSE	12 SE
22	7 *NNW*	10 *NNW*	13 *NNW*	15 *NNW*	19 *NNW*	19 *NNW*	21 *NNW*	25 *NNW*	23 NW	26 NW	26 NW	23 NW
23	32 NW	33 NW	29 NW	31 NW	29 NW	24 NW	25 NW	21 NW	17 NW	13 NW	12 NW	10 NW
24	68 ESE	71 ESE	70 ESE	73 ESE	68 ESE	73 ESE	74 ESE	73 ESE	61 ESE	67 ESE	55 E	55 E
25	67 ESE	64 ESE	59 ESE	61 ESE	*61* ESE	*61* ESE	*55* ESE	*49* ESE	49 ESE	49 ESE	42 ESE	46 ESE
26	45 ESE	42 ESE	48 ESE	45 ESE	43 ESE	42 ESE	40 ESE	35 ESE	42 ESE	34 ESE	28 ESE	32 ESE
27	2 —	2 —	4 ESE	7 ESE	7 ESE	11 ESE	29 ESE	34 ESE	37 ESE	37 ESE	35 ESE	34 ESE
28	42 ESE	42 ESE	41 ESE	39 ESE	37 ESE	32 ESE	22 ESE	25 ESE	28 ESE	20 ESE	21 ESE	23 ESE
29	22 E	26 ESE	34 E	32 ESE	28 ESE	22 ESE	26 ESE	26 ESE	21 ESE	13 ESE	8 ESE	6 ESE
30	21 *NNW*	25 *NNW*	20 *NNW*	18 *NNW*	15 *NNW*	13 *NNW*	15 *NNW*	23 *NNW*	24 *NNW*	21 NNW	23 NW	21 NW
31	8 —	6 —	6 —	14 —	13 —	14 —	9 —	6 —	*5* —	*C*	*8* —	*10* —
Mean	25·8	25·5	24·8	26·0	25·8	25·3	26·3	25·7	26·2	26·3	26·4	25·1

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
10 *ESE*	19 *ESE*	26 *ESE*	26 *ESE*	29 *ESE*	25 *ESE*	27 *ESE*	32 ESE	37 ESE	35 ESE	33 ESE	38 ESE	16	1
49 ESE	45 ESE	44 ESE	45 ESE	45 ESE	51 ESE	49 ESE	48 ESE	50 ESE	45 ESE	47 ESE	53 ESE	46	2
44 E	48 E	55 E	52 E	52 E	54 E	56 E	61 E	56 ESE	57 ESE	56 ESE	58 ESE	51	3
56 E	53 E	58 E	56 E	47 E	50 E	43 E	43 E	51 E	48 E	42 E	42 E	57	4
53 E	56 E	59 ESE	53 ESE	54 ESE	56 ESE	58 ESE	56 ESE	53 ESE	46 ESE	45 ESE	46 ESE	48	5
25 ESE	18 ESE	8 ESE	9 ESE	7 ESE	2 —	2 —	2 —	15 NNW	24 NNW	32 NNW	40 NNW	26	6
3 ESE	7 ESE	6 ESE	5 ESE	2 ESE	4 ESE	6 ESE	4 ESE	8 var.	5 var.	7 var.	7 var.	7	7
7 var.	8 var.	22 ESE	32 ESE	25 ESE	28 ESE	12 ESE	6 ESE	6 ESE	8 ESE	7 ESE	20 ESE	15	8
36 ESE	39 ESE	33 ESE	26 ESE	13 ESE	9 ESE	9 NNW	11 NNW	18 NNW	19 NNW	19 NNW	19 NNW	26	9
C	C	C	C	C	C	C	C	C	C	C	C	2	10
10 SE	10 SE	11 SE	12 SE	10 SE	10 SE	12 SE	8 SE	10 SE	7 SE	7 SE	4 —	6	11
19 NNW	10 NNW	7 NNW	12 NNW	11 NNW	2 —	2 —	2 —	6 —	4 —	2 SE	4 SE	11	12
37 E	34 ESE	25 SE	16 ESE	8 ESE	2 ESE	2 ESE	1 ESE	7 ESE	9 ESE	9 ESE	12 ESE	24	13
31 E	28 E	42 E	47 E	53 E	65 E	54 E	53 E	51 E	58 E	54 E	54 E	40	14
35 SE	29 SE	26 SE	23 SE	*18* ESE	*18* ESE	*18* ESE	*18* ESE	*18* ESE	*18* ESE	*20* ESE	*14* ESE	31	15
13 ESE	*10* ESE	*8* N	*18* N	*25* N	*20* N	16 N	18 N	18 N	15 N	14 N	13 N	13	16
34 ESE	31 ESE	32 ESE	38 ESE	34 SE	31 SE	25 ESE	29 ESE	23 ESE	13 ESE	7 ESE	6 ESE	18	17
20 NNW	25 NNW	26 NNW	23 NNW	19 NNW	17 NNW	15 NNW	15 NNW	14 NNW	17 NNW	15 NNW	8 NNW	14	18
6 SE	7 SE	9 SE	4 SE	6 SE	9 SE	15 SE	10 SE	9 ESE	7 ESE	10 ESE	15 ESE	7	19
10 ESE	15 ESE	16 ESE	23 ESE	25 ESE	29 ESE	28 ESE	21 ESE	23 ESE	25 ESE	23 ESE	29 ESE	17	20
12 SE	13 SE	10 SE	8 *N*	7 *N*	9 *N*	7 *N*	5 *N*	3 *N*	2 *NNW*	2 *NNW*	2 *NNW*	13	21
29 NW	31 NW	30 NW	28 NW	31 NW	29 NW	28 NW	31 NW	24 NW	13 NW	6 NW	24 NW	22	22
5 var.	7 var.	13 ESE	32 ESE	42 ESE	42 ESE	43 ESE	43 ESE	53 ESE	54 ESE	64 ESE	65 ESE	31	23
52 E	55 E	58 ESE	62 ESE	66 ESE	58 ESE	53 ESE	72 ESE	67 ESE	71 ESE	65 ESE	65 ESE	65	24
47 ESE	42 ESE	44 ESE	48 ESE	49 ESE	48 ESE	50 ESE	50 ESE	49 ESE	46 ESE	46 ESE	43 ESE	51	25
29 ESE	25 ESE	20 ESE	14 ESE	15 ESE	10 ESE	13 ESE	13 ESE	13 ESE	10 ESE	6 ESE	4 —	27	26
12 ESE	2 ESE	2 ESE	9 ESE	13 ESE	19 ESE	23 ESE	15 ESE	22 ESE	26 ESE	23 ESE	42 ESE	19	27
25 E	28 E	28 E	32 ESE	34 ESE	35 ESE	31 ESE	33 ESE	33 ESE	26 ESE	28 E	25 E	30	28
12 ESE	7 ESE	8 ESE	6 ESE	6 ESE	6 ESE	6 ESE	7 ESE	17 NNW	28 NNW	16 NNW	13 NNW	17	29
23 NW	8 SE	10 SE	7 —	6 —	6 —	13 —	13 —	7 —	6 —	4 —	7 —	15	30
10 —	*4* —	*C*	*C*	14 NW	15 NW	15 NW	22 WNW	35 WNW	6 WNW	11 WNW	35 WNW	11	31
24·3	23·0	23·8	24·7	24·7	24·5	23·6	23·9	25·7	24·1	23·2	26·0	25·0	

TABLE 13. WIND—HOURLY VALUES

JUNE.

CAPE EVANS

Local Time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	32 WNW	32 WNW	36 WNW	36 WNW	32 WNW	32 WNW	17 NW	7 ESE	8 ESE	7 SE	10 SE	C
2	2 —	2 —	2 —	3 —	5 —	6 —	6 —	4 —	4 —	3 —	2 —	C
3	25 ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE	*10* ESE
4	4 ESE	9 ESE	13 ESE	40 ESE	34 ESE	30 ESE	29 ESE	20 ESE	15 ESE	17 ESE	12 ESE	10 ESE
5	C	*25* SSE	*27* SSE	*20* SE	*23* SE	*29* SE	*33* SE	*27* SE	*25* SE	*20* SE	*10* SE	6 —
6	4 NW	C	C	C	2 —	C	C	C	C	C	2 —	2 —
7	25 ESE	29 ESE	31 ESE	42 ESE	38 ESE	35 ESE	34 ESE	17 ESE	10 ESE	10 ESE	9 ESE	9 ESE
8	70 E	73 E	64 E	67 E	67 E	67 E	66 E	65 E	63 E	61 E	62 E	64 E
9	57 ESE	57 ESE	51 ESE	54 ESE	51 ESE	53 ESE	56 ESE	56 ESE	48 ESE	46 ESE	44 ESE	42 ESE
10	48 ESE	45 ESE	42 ESE	44 ESE	44 ESE	50 ESE	47 ESE	47 ESE	50 ESE	50 ESE	54 ESE	54 ESE
11	44 ESE	43 ESE	48 ESE	48 ESE	46 ESE	50 ESE	48 ESE	48 ESE	44 ESE	39 ESE	35 ESE	35 ESE
12	54 ESE	53 ESE	54 ESE	48 ESE	49 ESE	53 ESE	60 ESE	48 ESE	48 ESE	47 ESE	44 ESE	48 ESE
13	41 ESE	42 ESE	40 ESE	40 E	40 E	37 E	27 E	24 E	23 E	36 E	42 ESE	57 ESE
14	34 ESE	34 ESE	38 ESE	37 ESE	42 ESE	39 ESE	34 ESE	37 SE	34 SE	24 SE	23 ESE	17 ESE
15	54 ESE	58 ESE	48 ESE	42 ESE	45 ESE	56 ESE	59 ESE	66 ESE	63 ESE	63 ESE	47 ESE	45 ESE
16	47 ESE	39 ESE	47 ESE	41 ESE	39 ESE	41 ESE	34 ESE	24 ESE	38 SE	23 SE	20 SE	12 SE
17	31 ESE	27 ESE	36 ESE	41 ESE	42 ESE	39 ESE	50 ESE	45 E	*45* E	48 E	*55* ESE	*50* ESE
18	19 ESE	8 ESE	20 ESE	21 ESE	28 ESE	48 ESE	45 ESE	43 ESE	45 ESE	50 ESE	51 E	51 E
19	19 *NNW*	33 *NNW*	45 *NNW*	51 *NNW*	52 *NNW*	46 *NNW*	42 *NNW*	40 *NNW*	40 *N*	14 ESE	4 ESE	2 ESE
20	*40* SE	*40* SE	*40* ESE	*40* SE	*40* ESE	*40* ESE	*40* ESE	*40* ESE	*40* ESE	*45* ESE	*50* ESE	*45* ESE
21	51 ESE	50 ESE	52 ESE	51 E	52 E	47 E	38 E	37 SE	37 SE	40 SE	39 SE	37 SE
22	39 SE	40 SE	39 SE	42 SE	43 SE	39 SE	34 SE	42 SE	42 SE	36 SE	34 SE	42 SE
23	24 SE	21 SE	22 SE	22 SE	16 SE	8 SE	8 NNW	20 NNW	25 NNW	27 NNW	27 NNW	33 NNW
24	33 NW	35 NW	33 NW	22 NW	10 NW	11 var.	3 var.	8 var.	13 var.	9 var.	31 SE	52 SE
25	43 ESE	40 ESE	40 ESE	37 ESE	35 SE	34 SE	24 SE	28 SE	29 SE	26 SE	23 SE	22 SE
26	39 SE	30 SE	29 ESE	35 ESE	35 SE	29 SE	28 SE	27 ESE	37 ESE	41 ESE	38 ESE	28 ESE
27	47 ESE	44 ESE	46 ESE	46 ESE	51 ESE	47 SE	54 SE	59 SE	64 ESE	54 ESE	52 ESE	56 ESE
28	51 ESE	45 ESE	37 SE	38 SE	30 SE	38 ESE	31 ESE	26 ESE	21 SE	15 SE	14 SE	9 SE
29	5 NNW	12 NNW	8 NNW	16 NNW	27 NNW	25 NNW	10 WNW	7 WNW	*7* SE	7 SE	6 SE	5 var.
30	50 SE	49 SE	45 ESE	38 ESE	37 ESE	39 ESE	30 ESE	39 ESE	36 ESE	23 ESE	16 ESE	12 SE
Mean	34·4	35·2	35·8	36·8	36·6	37·0	34·3	33·1	33·2	30·7	29·9	29·6

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
C	C	3 —	4 —	4 —	4 —	C	C	C	2 —	2 —	2 —	12	1
C	C	C	2 —	9 ESE	9 ESE	21 ESE	24 ESE	21 ESE	25 ESE	26 ESE	18 ESE	8	2
29 ESE	25 ESE	15 ESE	13 ESE	6 ESE	4 ESE	2 ESE	5 ESE	4 ESE	2 ESE	2 ESE	4 ESE	24	3
21 ESE	4 ESE	4 ESE	3 ESE	2 ESE	1 ESE	1 ESE	1 SE	2 SE	1 SE	1 SSE	1 SSE	12	4
5 —	4 NW	4 NW	4 NW	5 NW	15 NW	15 NW	12 NW	6 NW	6 NW	4 NW	6 NW	14	5
2 —	2 —	2 —	3 —	9 SE	10 ESE	18 ESE	18 ESE	26 ESE	34 ESE	42 ESE	35 ESE	9	6
8 ESE	7 ESE	10 ESE	7 ESE	11 ESE	12 ESE	17 ESE	25 E	14 E	56 E	64 E	63 E	26	7
60 E	60 E	58 E	62 E	59 E	63 E	62 ESE	60 ESE	60 ESE	60 ESE	60 ESE	60 ESE	63	8
42 ESE	42 ESE	38 ESE	42 ESE	47 ESE	45 ESE	45 ESE	44 ESE	45 ESE	44 ESE	43 ESE	45 ESE	47	9
53 ESE	58 ESE	60 ESE	65 ESE	62 ESE	57 ESE	58 ESE	53 ESE	51 ESE	50 ESE	47 ESE	48 ESE	52	10
33 ESE	33 ESE	33 ESE	39 ESE	38 ESE	42 ESE	45 ESE	45 ESE	45 ESE	45 ESE	47 ESE	51 ESE	43	11
48 ESE	48 ESE	54 ESE	52 ESE	50 ESE	45 ESE	42 ESE	35 ESE	31 ESE	46 ESE	38 ESE	39 ESE	47	12
49 ESE	45 ESE	57 SE	61 SE	67 SSE	53 SSE	34 SE	33 ESE	37 ESE	40 ESE	37 ESE	27 ESE	41	13
8 ESE	5 SE	4 SE	8 SE	15 ESE	26 ESE	26 ESE	37 ESE	39 ESE	39 SE	47 SE	48 SE	29	14
42 ESE	44 ESE	45 ESE	36 ESE	*28* ESE	*20* ESE	*10* ESE	*30* NNW	48 NNW	57 NNW	56 NNW	40 ESE	46	15
10 SSE	10 SE	14 SE	18 ESE	11 ESE	13 ESE	12 ESE	10 ESE	10 E	12 ESE	12 SE	29 SE	24	16
45 ESE	53 ESE	42 ESE	21 ESE	27 E	27 E	24 ESE	17 ESE	21 ESE	15 ESE	19 ESE	18 ESE	35	17
48 E	48 ESE	39 ESE	40 ESE	30 ESE	31 ESE	30 ESE	31 ESE	25 ESE	17 ESE	2 —	2 —	32	18
2 ESE	13 ESE	4 ESE	3 ESE	1 ESE	1 ESE	2 ESE	3 ESE	28 SE	*40* SE	*40* ESE	*40* ESE	24	19
50 ESE	54 ESE	48 ESE	47 ESE	50 ESE	50 SE	47 SE	45 SE	50 ESE	50 ESE	50 ESE	53 ESE	46	20
33 SE	31 SE	30 SE	28 SE	27 SE	27 SE	27 SE	28 SE	44 SE	37 SE	36 SE	37 SE	38	21
38 SE	34 SE	26 SE	26 SE	27 SE	32 SE	33 SE	35 SE	35 SE	35 SE	28 SE	27 SE	35	22
36 NNW	34 NNW	44 NNW	42 NNW	42 NNW	38 NNW	35 NNW	35 NNW	35 NNW	34 NNW	43 NW	35 NW	29	23
69 SSE	72 SSE	69 SE	63 SE	57 SE	59 ESE	52 ESE	53 ESE	50 ESE	48 ESE	46 ESE	41 ESE	39	24
19 SE	23 SE	24 SE	32 ESE	31 ESE	26 ESE	25 ESE	17 SE	16 ESE	16 ESE	29 ESE	28 ESE	28	25
39 ESE	43 ESE	40 ESE	41 ESE	39 ESE	40 ESE	37 ESE	42 ESE	44 ESE	46 ESE	47 ESE	48 ESE	38	26
60 ESE	56 ESE	58 ESE	56 ESE	52 ESE	58 ESE	56 ESE	54 ESE	54 ESE	60 ESE	54 ESE	54 ESE	54	27
10 SE	4 SE	5 SE	7 SE	8 SE	2 SE	2 N	11 N	7 NNW	9 NNW	6 NNW	6 NNW	18	28
5 var.	5 var.	7 S	4 S	7 NNE	16 NNE	20 NNE	12 NNE	24 ESE	59 ESE	55 ESE	54 SE	17	29
9 SSE	13 SSE	14 SE	4 SE	5 SE	7 SE	7 SE	10 SE	12 SE	29 ESE	*10* ESE	*48* ESE	26	30
29·2	29·1	28·4	27·8	27·5	27·8	26·9	27·5	30·5	33·8	34·1	33·6	31·8	

TABLE 13. WIND—HOURLY VALUES

JULY,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day.	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	45 ESE	54 ESE	58 ESE	*61* ESE	*62* ESE	61 ESE	59 ESE	59 ESE	62 ESE	61 ESE	59 ESE	62 ESE
2	46 ESE	40 ESE	46 SE	51 SE	47 ESE	45 ESE	45 SE	50 SE	47 SE	40 SE	38 SSE	*48* SSE
3	56 ESE	56 ESE	58 ESE	60 ESE	64 ESE	62 ESE	52 ESE	48 ESE	43 ESE	37 ESE	33 ESE	24 ESE
4	38 SE	39 SE	39 ESE	40 ESE	49 ESE	40 ESE	57 ESE	55 ESE	48 ESE	48 ESE	50 ESE	47 ESE
5	49 ESE	48 ESE	48 ESE	63 ESE	55 E	53 E	51 E	48 E	54 E	54 E	54 E	55 E
6	45 E	46 E	48 E	43 E	46 E	47 E	43 E	45 E	46 E	52 E	52 E	52 E
7	*50* ESE	*50* ESE	*50* ESE	*50* ESE	*50* ESE	*50* E	*50* E	*50* E	*50* E	*50* E	*50* E	42 E
8	*12* ESE	*3* ESE	*9* ESE	*3* ESE	*3* ESE	*3* ESE	*12* ESE	*18* ESE	*6* ESE	*12* ESE	*18* ESE	27 ESE
9	26 SE	17 SE	13 SE	19 SE	17 SSE	19 SSE	25 SE	36 SE	38 SE	29 SE	34 ESE	42 ESE
10	19 SE	25 SE	24 SE	25 SE	25 ESE	29 ESE	33 ESE	48 ESE	47 ESE	36 ESE	38 ESE	30 ESE
11	22 NW	16 NW	4 —	C	C	C	C	C	C	C	C	C
12	C	C	C	C	3 —	11 N	13 N	16 N	20 N	18 N	18 N	15 N
13	14 ESE	12 ESE	2 —	C	C	C	*2* —	*2* —	*3* —	*3* —	*3* —	*3* —
14	33 SE	32 SE	30 SE	33 SE	28 SSE	34 SSE	32 SSE	36 SE	43 SE	47 SE	47 SE	43 SE
15	7 SE	8 SE	C	C	C	C	C	C	C	C	C	C
16	14 N	19 N	23 N	31 N	31 N	37 N	44 N	42 N	36 N	25 N	17 N	9 N
17	C	C	16 N	20 N	20 N	16 N	28 N	26 N	16 N	8 N	5 N	6 N
18	*12 ESE*	*10 ESE*	*12 ESE*	*16 ESE*	*20 ESE*	*27 ESE*	*27 ESE*	*27 ESE*	24 *ESE*	28 *ESE*	35 *ESE*	39 *ESE*
19	27 ESE	35 ESE	48 ESE	48 ESE	47 ESE	37 ESE	33 ESE	31 ESE	38 ESE	36 ESE	34 ESE	26 ESE
20	*20* ESE	*27* ESE	*28* ESE	*26* ESE	*24* ESE	*27* ESE	*24* ESE	*28* ESE	*26* ESE	27 ESE	30 ESE	42 ESE
21	31 *ESE*	33 *ESE*	17 *ESE*	14 *ESE*	5 *ESE*	2 —	2 —	2 —	2 —	2 —	3 —	4 —
22	16 —	13 —	C	C	C	2 —	16 —	*30 ESE*	*36 ESE*	*36 ESE*	*30 ESE*	*24 ESE*
23	29 ESE	37 ESE	37 ESE	37 SE	34 SE	42 SE	51 ESE	48 ESE	51 ESE	48 ESE	42 ESE	39 ESE
24	9 ESE	30 ESE	34 ESE	39 ESE	37 ESE	33 ESE	37 ESE	30 ESE	35 ESE	33 ESE	22 ESE	11 ESE
25	13 *NNW*	4 *NNW*	8 *NNW*	7 *NNW*	2 —	2 —	9 ESE	11 ESE	22 ESE	36 ESE	37 SE	42 SE
26	17 SE	21 SE	32 SE	32 SE	24 SE	11 SE	C	C	C	C	C	C
27	30 *N*	16 *N*	13 *N*	35 SE	56 SE	54 SE	65 ESE	60 ESE	79 ESE	67 ESE	66 ESE	67 ESE
28	*43* SE	*43* SE	*43* SE	*43* SE	*43* ESE	*43* SE	*43* ESE	*43* ESE	*43* ESE	50 ESE	50 ESE	54 ESE
29	47 ESE	46 ESE	46 ESE	49 ESE	33 ESE	24 SE	18 SE	18 SSE	18 SSE	10 SSE	12 SSE	18 ESE
30	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE	*53* SE
31	*43* SE	*43* SE	*37* SE	*37* SE	*30* SE	*30* SE	*30* SE	*24* SE	*18* SE	*15* SSE	*15* SSE	*15* SSE
Mean	28·0	28·3	28·3	30·3	29·3	28·8	30·8	31·7	32·4	31·0	30·5	30·3

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13	12–13 13–14	13–14 14–15	14–15 15–16	15–16 16–17	16–17 17–18	17–18 18–19	18–19 19–20	19–20 20–21	20–21 21–22	21–22 22–23	22–23 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
58 ESE	51 ESE	56 ESE	62 ESE	50 ESE	50 ESE	48 ESE	46 ESE	59 ESE	57 ESE	49 ESE	47 ESE	56	1
49 SE	*49* ESE	*49* ESE	*49* ESE	55 SE	68 SE	69 SSE	61 SSE	50 SE	51 ESE	49 ESE	51 ESE	50	2
12 ESE	6 ESE	C	3 N	14 N	47 ESE	52 ESE	57 ESE	51 ESE	45 ESE	43 ESE	39 ESE	40	3
49 ESE	48 ESE	48 ESE	46 ESE	46 ESE	48 ESE	48 ESE	45 ESE	47 ESE	49 ESE	51 ESE	47 ESE	47	4
56 E	56 E	60 E	56 E	64 E	52 E	51 E	55 E	56 E	51 E	49 E	47 E	54	5
50 E	52 E	55 E	51 E	51 E	54 E	50 E	*50* E	*50* ESE	*50* ESE	*50* ESE	*50* ESE	49	6
42 ESE	40 ESE	37 ESE	34 ESE	31 ESE	28 ESE	30 ESE	26 ESE	26 ESE	20 ESE	*18* ESE	*3* ESE	39	7
29 ESE	35 ESE	34 ESE	39 ESE	37 ESE	38 ESE	37 ESE	32 ESE	33 ESE	34 ESE	32 ESE	27 ESE	22	8
41 ESE	40 ESE	39 ESE	40 ESE	34 ESE	33 ESE	33 ESE	25 ESE	24 SE	27 SSE	22 SE	23 SE	29	9
22 ESE	20 ESE	21 ESE	16 ESE	7 ESE	2 —	2 —	5 NNW	33 NNW	34 NNW	32 NNW	24 NW	25	10
C	C	C	C	C	C	C	C	C	C	C	C	2	11
15 N	10 N	8 N	7 N	2 —	2 —	2 —	2 —	2 —	5 ESE	16 ESE	25 ESE	9	12
2 —	2 —	3 —	3 —	*18* ESE	*18* ESE	*18* ESE	*18* ESE	17 SE	22 SE	28 SE	29 SE	9	13
42 SE	47 SE	36 SE	30 SE	31 SE	34 SE	36 SE	33 SE	25 SE	16 SE	14 SE	11 SE	33	14
7 —	14 —	14 —	11 —	2 —	C	C	C	C	C	2 —	10 N	3	15
8 N	4 —	3 —	C	C	C	C	C	C	C	C	C	14	16
7 N	C	C	C	C	C	C	C	C	C	*9 ESE*	*12 ESE*	8	17
34 *ESE*	34 *ESE*	34 *ESE*	35 *ESE*	29 *ESE*	16 *ESE*	12 *ESE*	23 *ESE*	30 *ESE*	31 *ESE*	34 *ESE*	33 *ESE*	26	18
22 ESE	16 ESE	16 ESE	8 ESE	3 —	C	C	C	C	C	C	C	21	19
39 ESE	39 ESE	39 ESE	10 ESE	38 ESE	42 ESE	33 ESE	29 ESE	28 ESE	34 ESE	37 ESE	33 ESE	32	20
4 —	5 —	7 —	4 —	3 —	2 —	C	C	C	7 —	13 —	14 —	8	21
12 ESE	C	C	C	C	C	C	C	C	4 SSE	8 SE	19 ESE	10	22
29 ESE	26 ESE	26 ESE	21 ESE	17 ESE	10 ESE	5 ESE	C	C	C	C	C	26	23
10 ESE	30 ESE	30 ESE	26 *NNW*	23 *NNW*	19 *NNW*	23 *NNW*	25 *NNW*	23 *NNW*	27 *NNW*	22 *NNW*	11 *NNW*	26	24
58 SE	55 SE	51 SE	48 SE	51 SE	59 SE	67 SE	65 SE	56 SE	56 SE	45 SE	31 SE	35	25
C	C	C	12 *N*	20 *N*	23 *N*	28 *N*	22 *N*	21 *N*	22 *N*	25 *N*	30 *N*	14	26
58 ESE	52 ESE	49 ESE	46 ESE	48 ESE	52 ESE	43 ESE	44 ESE	53 ESE	49 ESE	48 ESE	*13* ESE	50	27
50 ESE	46 ESE	48 ESE	43 ESE	43 ESE	41 ESE	38 SE	35 SE	35 SE	41 ESE	43 ESE	49 ESE	41	28
29 ESE	29 SE	28 SE	33 ESE	33 ESE	43 ESE	33 ESE	*13* ESE	*53* SE	*53* SE	*53* SE	*53* SE	34	29
53 SE	67 SE	68 SE	67 SE	65 SE	60 SE	*67* SE	*67* SE	*61* SE	*55* SE	*19* SE	*13* SE	57	30
15 SE	*15* SE	*15* SE	*15* SSE	11 SSE	16 SSE	12 SSE	13 SSE	17 SSE	12 SSE	11 SSE	16 SSE	21	31
29·1	28·6	28·2	27·3	26·8	27·7	27·0	26·6	27·5	27·5	27·6	26·5	28·7	

TABLE 13. WIND—HOURLY VALUES

AUGUST,

CAPE EVANS.

Local Time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11
Standard Time	0–1*	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Day	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D
1	11 SE	13 SE	16 SE	33 SE	30 SE	37 ESE	46 ESE	43 ESE	37 ESE	40 ESE	42 ESE	43 ESE
2	51 SE	43 ESE	40 ESE	48 ESE	38 ESE	38 SE	40 SE	37 SE	38 ESE	41 SE	33 SE	15 SE
3	37 SE	38 SE	32 SE	30 SE	27 SE	23 SE	27 ESE	23 ESE	25 ESE	24 SE	24 SE	28 SE
4	32 ESE	35 ESE	33 ESE	34 ESE	36 ESE	37 ESE	41 ESE	37 ESE	51 ESE	48 ESE	45 ESE	42 ESE
5	48 ESE	43 ESE	43 ESE	40 ESE	37 ESE	37 ESE	41 ESE	37 ESE	40 ESE	39 ESE	51 ESE	48 ESE
6	49 ESE	45 ESE	51 ESE	51 ESE	51 ESE	51 ESE	51 ESE	51 ESE	41 ESE	46 ESE	45 ESE	43 ESE
7	41 ESE	41 ESE	36 ESE	36 SE	35 SE	40 SE	35 ESE	43 ESE	43 E	41 E	35 ESE	30 ESE
8	43 ESE	41 ESE	42 ESE	38 ESE	40 ESE	39 ESE	40 ESE	40 ESE	44 ESE	40 ESE	45 ESE	45 ESE
9	23 *ESE*	25 *ESE*	24 *ESE*	30 *ESE*	41 *ESE*	37 *ESE*	31 *ESE*	35 *ESE*	33 *ESE*	30 *ESE*	28 *ESE*	24 SE
10	C	C	C	C	8 —	16 —	24 ESE	30 ESE	45 ESE	42 ESE	38 ESE	33 ESE
11	21 NNW	23 N	*21* N	*24* N	*21* NNE	*21* NNE	*18* NNW	*12* NNW	*12* NNW	20 NNW	13 NNW	12 NNW
12	5 SSE	5 SSE	6 SE	7 SE	5 SE	5 ESE	5 ESE	5 ESE	5 ESE	4 ESE	5 ESE	8 ESE
13	6 —	18 —	17 —	19 —	20 ESE	15 ESE	15 ESE	9 ESE	7 ESE	7 ESE	15 SE	6 SE
14	4 —	8 —	8 —	7 —	6 ESE	4 ESE	3 ESE	4 ESE	28 ESE	38 ESE	35 ESE	31 ESE
15	9 N	8 N	8 NNE	4 NNE	4 NNE	5 NNE	11 ESE	32 ESE	37 ESE	35 ESE	27 ESE	36 ESE
16	22 ESE	8 NNW	19 NNW	19 NNW	6 —	7 —	2 ESE	2 ESE	21 ESE	32 ESE	21 ESE	40 ESE
17	29 SE	27 SE	30 SE	29 SE	29 SE	34 SE	27 SE	29 ESE	39 ESE	30 ESE	35 ESE	36 ESE
18	31 ESE	31 ESE	31 ESE	35 ESE	24 ESE	24 ESE	31 ESE	32 ESE	23 ESE	10 E	4 E	15 E
19	23 N	22 NNE	22 NNE	*18* NNE	*18* NNE	*18* NNE	*18* NNE	*18* NNE	*12* NNE	*6* NNW	*6* NNW	*6* NNW
20	6 ESE	8 ESE	10 ESE	14 ESE	16 ESE	14 ESE	16 ESE	11 ESE	8 ESE	12 ESE	12 ESE	15 ESE
21	29 ESE	31 ESE	34 SE	39 SE	40 ESE	37 ESE	36 ESE	40 ESE	44 ESE	*45* SE	*45* SE	47 SSE
22	47 ESE	44 ESE	47 ESE	46 ESE	47 SE	53 SE	49 ESE	45 ESE	48 ESE	52 ESE	45 ESE	44 ESE
23	36 ESE	36 ESE	28 ESE	32 ESE	35 ESE	33 ESE	38 ESE	46 ESE	46 ESE	43 ESE	31 ESE	26 SE
24	7 SE	6 SE	5 SE	5 SE	11 SE	9 SE	5 var.	7 NNW	12 NNW	16 NNW	11 *SE*	5 *SE*
25	5 SE	5 SE	8 SE	7 SE	5 SE	5 SE	4 SE	7 SE	18 SE	15 SE	17 SE	14 SE
26	8 SE	16 SE	14 SE	11 SE	12 SE	9 SE	5 SE	4 SE	4 SSE	4 SSE	5 SE	7 SE
27	7 SE	6 SE	4 SE	4 SE	4 SE	7 SE	8 SE	10 SE	28 SE	24 SE	20 SE	20 SSE
28	8 N	5 —	4 —	8 SSE	11 SSE	29 SE	33 SE	36 SE	37 SE	37 SE	31 SE	25 SE
29	2 SE	6 SE	10 SE	11 SE	9 SE	5 SE	7 SE	5 SE	3 SE	C	C	C
30	4 —	3 —	3 —	C	C	C	7 —	6 —	2 —	2 —	4 —	5 —
31	28 SE	31 SE	35 SE	40 SE	42 ESE	47 ESE	43 ESE	43 ESE	44 ESE	46 ESE	47 ESE	46 ESE
Mean	21·7	21·7	22·0	23·2	23·0	23·9	24·4	25·1	28·4	28·0	26·3	25·6

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 / 12–13	12–13 / 13–14	13–14 / 14–15	14–15 / 15–16	15–16 / 16–17	16–17 / 17–18	17–18 / 18–19	18–19 / 19–20	19–20 / 20–21	20–21 / 21–22	21–22 / 22–23	22–23 / 23–24	Mean Velocity.	
V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D	V D		Day.
52 ESE	52 ESE	52 ESE	46 ESE	43 ESE	46 ESE	47 ESE	47 ESE	43 ESE	43 SE	43 SE	46 SE	40	1
10 SE	35 SE	32 SE	29 SE	28 SE	30 SE	31 SE	32 SE	26 SE	33 SE	31 SE	37 SE	34	2
21 SE	37 SE	49 SE	50 SE	46 SE	42 SE	40 SE	40 SE	37 SE	35 SE	26 SE	35 SE	33	3
44 ESE	44 ESE	42 ESE	42 ESE	42 ESE	42 ESE	47 ESE	43 ESE	43 ESE	52 ESE	52 ESE	52 ESE	43	4
41 ESE	43 ESE	47 ESE	46 ESE	48 ESE	44 ESE	43 ESE	43 ESE	41 ESE	48 ESE	55 ESE	56 ESE	44	5
45 SE	46 SE	46 ESE	46 ESE	43 ESE	43 ESE	48 ESE	47 ESE	43 ESE	41 ESE	41 ESE	34 ESE	46	6
36 ESE	30 ESE	28 ESE	29 SE	26 SE	25 SE	33 SE	31 SE	22 ESE	27 ESE	41 ESE	42 ESE	34	7
42 ESE	45 ESE	45 ESE	41 ESE	43 ESE	48 ESE	37 ESE	35 ESE	32 ESE	32 ESE	31 ESE	20 ESE	40	8
24 SE	20 SSE	10 —	5 —	C	C	C	C	C	C	C	C	18	9
31 ESE	34 ESE	34 ESE	31 ESE	25 ESE	24 ESE	18 NNE	8 NNE	7 NNW	13 NNW	16 NNW	22 NNW	21	10
9 NNW	8 NNW	9 NNW	9 NNW	11 NNW	13 NNW	8 NNW	11 NNW	11 NNW	7 —	4 —	5 —	14	11
10 ESE	17 ESE	22 SE	20 SE	21 SE	31 SE	33 SE	31 SE	26 SSE	22 SSE	14 SSE	7 SSE	13	12
8 SE	5 ESE	7 ESE	5 ESE	3 —	3 —	2 —	2 —	4 —	6 —	5 —	3 —	9	13
29 ESE	28 ESE	25 —	27 —	14 NNW	6 NNW	18 NNW	19 NNW	26 NNW	26 NNW	21 NNW	16 NNW	18	14
39 SE	37 SE	40 SE	44 SE	41 SE	41 SE	44 SE	42 SE	33 SE	24 SE	26 SE	27 SE	27	15
45 ESE	41 SE	39 SE	49 SE	53 SE	52 SE	51 SE	53 SE	46 SE	48 SE	45 SE	35 SE	32	16
38 ESE	37 ESE	38 ESE	39 ESE	41 ESE	45 ESE	39 ESE	41 ESE	37 ESE	37 ESE	37 ESE	35 ESE	35	17
13 NNW	18 NNW	20 NNW	20 NNW	9 NNW	7 NNW	6 NNW	6 NNW	11 NNW	18 N	23 N	26 N	20	18
18 NNW	22 NNW	17 NNW	14 NNE	12 NNE	11 NNE	10 NNE	11 —	9 —	4 —	5 —	8 ESE	14	19
22 ESE	23 ESE	29 ESE	32 ESE	31 ESE	38 ESE	33 ESE	36 ESE	33 ESE	32 ESE	28 ESE	28 ESE	21	20
49 SSE	49 SSE	44 SE	18 SE	17 SE	46 SE	11 SE	41 SE	46 SE	15 SE	45 ESE	45 ESE	42	21
49 ESE	49 ESE	43 ESE	39 ESE	41 ESE	34 ESE	34 ESE	10 ESE	39 ESE	39 ESE	39 ESE	30 ESE	41	22
24 SE	28 SE	17 SE	10 SE	8 SSE	4 SSE	4 SSE	5 SE	5 SE	4 SE	7 SE	9 SE	23	23
14 NNW	20 NNW	23 NNW	22 NNW	21 NNW	19 NNW	18 NNW	20 NNW	16 SE	7 SE	7 SE	6 SE	12	24
11 SE	11 SE	9 SE	8 SE	6 SE	7 SE	8 SE	9 SE	4 SE	4 SE	8 SE	7 SE	8	25
10 SE	15 SE	15 SE	12 SE	16 SE	16 SE	11 SE	8 SE	8 SE	6 SE	2 SE	5 SE	9	26
12 SSE	19 SSE	18 SSE	10 SSE	7 SSE	7 SSE	8 SSE	8 SSE	5 —	7 —	5 —	12 N	11	27
29 SE	22 SE	20 SE	22 SE	17 SE	10 SE	6 SE	4 SE	4 SE	5 SE	5 SE	2 SE	17	28
C	C	C	C	20 ESE	8 ESE	10 ESE	4 —	4 —	4 —	7 —	3 —	5	29
7 SE	17 SE	34 SE	40 SE	38 SE	38 ESE	40 ESE	38 ESE	35 ESE	34 ESE	31 ESE	28 ESE	18	30
43 ESE	48 ESE	46 ESE	49 ESE	46 ESE	39 ESE	49 ESE	46 ESE	45 ESE	47 ESE	38 ESE	33 ESE	43	31
26·6	29·0	29·0	28·5	27·3	26·4	26·4	25·8	23·9	24·2	23·8	23·0	25·3	

TABLE 13. WIND—HOURLY VALUES

SEPTEMBER,

CAPE EVANS.

Local Time	23–24		0–1		1–2		2–3		3–4		4–5		5–6		6–7		7–8		8–9		9–10		10–11	
Standard Time	0–1		1–2		2–3		3–4		4–5		5–6		6–7		7–8		8–9		9–10		10–11		11–12	
Day.	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	32		30		32		34		36		32		31		28		28		44		33		33	
2	14		23		21		36		37		38		36		36		39		34		35		32	
3	8		7		5		8		7		10		4		6		7		10		7		6	
4	13		15		11		10		25		21		11		23		23		13		10		8	
5	26		28		31		40		35		31		36		34		38		36		43		42	
6	48		48		48		48		48		48		48		42		36		28		26		21	
7	6		8		8		8		24		30		40		13		32		18		16		10	
8	6		6		6		5		5		5		4		1		1		1		1		1	
9	20		7		6		6		4		3		4		3		2		2		2		2	
10	16		17		15		12		8		8		10		12		16		27		28		23	
11	24		21		18		21		19		16		15		14		14		16		8		4	
12	20		14		29		37		42		42		41		40		39		36		35		37	
13	33		32		29		30		21		23		32		33		34		38		31		29	
14	26		30		26		19		22		22		20		19		24		24		8		6	
15	13		17		16		16		19		13		8		11		9		14		24		21	
16	42		47		46		45		44		43		41		41		41		31		35		40	
17	38		41		43		43		47		48		45		40		36		36		42		35	
18	20		17		21		15		7		7		5		2		2		4		6		10	
19	7		7		8		8		9		10		12		20		33		36		39		48	
20	52		47		45		48		52		44		48		50		42		27		21		14	
21	16		16		13		14		13		15		14		16		18		23		28		28	
22	C		C		C		C		C		C		C		C		C		C		C		C	
23	23		22		25		38		39		38		40		47		42		43		42		45	
24	37		25		10		7		6		4		4		3		6		6		7		7	
25	32		12		7		9		5		8		25		35		31		25		30		33	
26	20		16		22		24		27		26		29		14		6		11		23		22	
27	10		10		5		3		2		4		5		5		4		5		5		6	
28	36		36		40		35		39		35		32		31		38		37		30		29	
29	32		31		34		31		29		23		27		24		24		21		24		31	
30	32		15		9		15		21		25		20		21		21		26		32		41	
Mean	23·4		21·5		21·1		22·2		23·1		22·4		22·9		22·1		22·9		22·4		22·5		22·1	

1912.

V = Velocity in miles per hour.
D = Direction.

11–12 12–13		12–13 13–14		13–14 14–15		14–15 15–16		15–16 16–17		16–17 17–18		17–18 18–19		18–19 19–20		19–20 20–21		20–21 21–22		21–22 22–23		22–23 23–24		Mean Velocity.	
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D		Day.
36		35		28		28		30		30		24		20		13		8		9		10		28	1
28		26		27		18		8		4		38		14		21		24		23		10		26	2
5		7		9		5		28		26		29		23		27		18		8		11		12	3
8		2		5		7		7		6		8		17		13		8		8		22		12	4
47		48		48		48		48		48		48		48		48		48		48		48		42	5
20		14		10		10		4		4		6		6		5		4		3		6		24	6
4		4		8		12		6		8		7		7		9		8		7		7		13	7
6		8		5		2		2		4		9		7		8		9		13		21		6	8
2		2		2		2		2		2		2		2		2		2		2		2		4	9
25		28		31		36		40		39		36		36		30		24		29		31		24	10
7		2		1		1		2		2		2		13		20		22		22		22		13	11
40		40		40		37		38		37		34		35		31		32		30		30		35	12
25		29		30		29		27		23		23		25		28		26		27		29		29	13
5		7		11		7		5		4		3		3		3		2		6		11		13	14
20		19		17		11		8		20		30		34		36		41		41		43		21	15
39		43		46		46		43		43		43		46		46		43		40		46		43	16
36		34		34		29		30		31		28		29		24		15		10		24		34	17
11		4		4		10		14		13		13		7		5		4		5		6		9	18
48		48		54		49		53		52		53		51		52		53		54		57		36	19
13		15		16		14		13		8		7		8		10		7		7		10		26	20
29		27		29		25		14		7		10		11		6		C		C		C		16	21
C		C		18		30		29		32		35		33		31		31		25		21		12	22
42		40		40		35		33		36		37		38		40		38		39		38		38	23
6		5		5		7		8		8		9		12		13		15		20		30		11	24
31		31		32		33		35		30		35		25		35		34		37		29		27	25
29		29		25		14		12		9		5		3		4		4		4		7		16	26
5		4		6		5		9		22		30		36		37		37		40		36		14	27
31		31		35		37		35		34		32		34		32		31		35		30		34	28
35		36		42		30		25		22		19		18		11		17		26		31		27	29
40		46		51		45		42		48		48		48		18		51		47		42		35	30
22·4		22·1		23·6		22·1		21·7		21·7		23·4		23·0		22·9		21·9		22·2		23·8		22·5	

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

March, 1911.

CAPE ADARE.

D = Direction.
F = Beaufort Numbers.

Local Time.	6 h.		8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	—		SSE	1	ESE	1	ESE	1	ESE	1	Calm	0	ESE	1	ESE	1	Calm	0
2	—		ESE	4	ESE	5	ESE	4	ESE	3	ESE	2	ESE	4	ESE	4	ESE	4
3	—		ESE	5	ESE	5	ESE	5	ESE	5	ESE	7	ESE	6	ESE	6	ESE	1
4	—		S	1	S	1	NNW	2	NNW	1	ESE	2	NE	2	W	1	ESE	4
5	—		ESE	3	ESE	2	ESE	2	ESE	2	ESE	1	ESE	1	ESE	2	ESE	3
6	—		ESE	2	ESE	2	ESE	1	ESE	2	ESE	4	ESE	5	ESE	5	ESE	4
7	—		ESE	1	ESE	1	ESE	1	ESE	2	NE	3	NE	2	NE	1	NE	2
8	—		ESE	3	ESE	2	ESE	2	ESE	2	ESE	2	ESE	3	ESE	2	—	
9	Calm	0	S	1	S	1	Calm	0	S	1	S	1	S	1	ESE	2	—	
10	ESE	1	N	2	N	3	ESE	3	ESE	4	ESE	5	ESE	5	ESE	7	—	
11	—		ESE	8	ESE	7	ESE	7	ESE	6	ESE	6	ESE	5	ESE	5	—	
12	—		NW	2	NW	2	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
13	Calm	0	SE	2	SE	1	W	1	WNW	2	SW	1	Calm	0	WNW	1	—	
14	NNE	2	E	2	SSE	1	Calm	0	Calm	0	ESE	2	ESE	4	ESE	5	—	
15	SW	1	Calm	0	Calm	0	SSW	1	Calm	0	Calm	0	ESE	1	SSE	1	—	
16	NW	1	Calm	0	NW	1	W	1	NW	1	NNW	1	SE	2	N	1	—	
17	—		Calm	0	SSW	1	ESE	6	ESE	7	ESE	6	ESE	2	ESE	2	—	
18	Calm	0	Calm	0	ENE	1	E	2	NE	1	Calm	0	SE	1	SE	1	SE	1
19	SE	1	ESE	7	ESE	9	ESE	10	ESE	11	ESE	11	ESE	9	ESE	6	—	
20	SE	4	SSE	6	SE	7	SE	7	S	6	S	5	ESE	2	SSE	1	—	
21	—		NE	1	ENE	2	ENE	2	ENE	1	NW	2	SW	2	SSW	1	—	
22	S	1	S	1	Calm	0	Calm	0	NNE	1	ESE	6	SE	5	ESE	5	—	
23	SE	7	ESE	6	S	4	S	4	S	3	S	3	S	3	ESE	2	—	
24	SE	1	E	1	Calm	0	WNW	1	Calm	0	SSW	1	S	6	Calm	0	—	
25	Calm	0	Calm	0	Calm	0	NE	1	NW	1	Calm	0	E	3	Calm	0	—	
26	—		ENE	1	NE	1	ESE	2	ESE	2	SSE	2	S	2	S	3	—	
27	S	4	WSW	3	SW	3	WSW	2	WSW	2	N	1	Calm	0	Calm	0	—	
28	—		N	1	*Calm*	*0*	S	1	*Calm*	*0*	SSW	1	SW	1	SW	1	—	
29	N	1	Calm	0	Calm	0	Calm	0	E	1	E	2	E	1	SW	1	—	
30	—		NW	1	WSW	1	N	1	S	1	NW	2	Calm	0	Calm	0	—	
31	Calm	0	S	1	S	1	SE	1	SE	1	SW	1	SE	1	*Calm*	*0*	—	

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

CAPE ADARE. APRIL, 1911. D = Direction. F = Beaufort Numbers.

Local Time.	6 h.		8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	—		Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
2	—		Calm	0	*Calm*	*0*	Calm	0	Calm	0	Calm	0	ESE	1	Calm	0
3	—		WSW	1	N	1	Calm	0	W	1	Calm	0	Calm	0	Calm	0
4	—		S	1	NE	2	NE	2	Calm	0	Calm	0	Calm	0	S	2
5	—		WSW	2	W	1	W	1	Calm	0	*Calm*	*0*	W	1	SE	1
6	—		Calm	0	Calm	0	S	2	S	2	S	2	SE	1	Calm	0
7	E	3	ESE	3	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	ESE	1
8	—		ESE	6	ESE	6	ESE	4	ESE	6	ESE	6	ESE	4	ESE	1
9	SW	2	ESE	7	E	7	E	8	ESE	4	SE	3	NE	1	W	2
10	Calm	0	Calm	0	SE	2	ESE	5	ESE	6	ESE	7	ESE	11	ESE	12
11	SE	6	SSE	6	S	4	S	3	SSW	4	SSW	3	W	2	S	1
12	W	1	W	1	Calm	0	W	1	Calm	0	WNW	2	Calm	0	Calm	0
13	—		Calm	0	WSW	1	WSW	1	Calm	0	Calm	0	W	1	W	1
14	—		ENE	4	Calm	0	S	2	SE	7	ESE	7	ESE	8	ESE	10
15	WNW	1	WNW	1	WNW	3	NW	3	NW	1	E	1	S	4	S	6
16	—		S	2	S	4	SSE	4	S	3	S	3	S	2	S	2
17	Calm	0	Calm	0	S	1	Calm	0	Calm	0	N	1	S	1	S	1
18	SW	1	SSW	1	SW	1	SSE	1	Calm	0	Calm	0	SE	6	E	6
19	S	4	S	4	S	4	S	4	S	3	SW	1	SE	1	SE	5
20	—		S	3	S	4	S	4	S	4	S	4	S	1	E	1
21	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
22	—		Calm	0	Calm	0	ESE	1	Calm	0	Calm	0	Calm	0	Calm	0
23	—		S	1	Calm	0	SW	2	SW	1	Calm	0	Calm	0	Calm	0
24	S	1	NW	1	Calm	0	Calm	0	Calm	0	NNE	3	Calm	0	Calm	0
25	Calm	0	S	1	S	1	E	1	Calm	0	Calm	0	N	1	Calm	0
26	S	1	Calm	0	S	1	S	1	*S*	*1*	S	1	Calm	0	N	1
27	NW	1	N	1	Calm	0	Calm	0	Calm	0	N	1	SE	3	SSE	3
28	—		SSE	5	S	4	S	4	S	4	S	3	S	2	S	4
29	S	1	S	2	SSE	4	SSW	2	SSW	3	SSW	3	S	1	SSW	2
30	—		*Calm*	*0*	Calm	0	Calm	0	Calm	0	N	1	Calm	0	Calm	0

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

CAPE ADARE. MAY, 1911. D = Direction. F = Beaufort Numbers.

Local Time.	2 h.		4 h.		6 h.		8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.		24 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	—		—		Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	—		—	
2	—		—		—		Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	—		—	
3	—		—		Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	—		—	
4	—		—		—		Calm	0	S	1	SE	1	S	2	S	3	S	1	W	1	—		—	
5	—		—		S	1	S	1	S	3	NNE	3	Calm	0	Calm	0	S	3	E	7	—		—	
6	—		—		—		ESE	12	ESE	11	E	11	E	11	ESE	8	S	4	E	1	—		—	
7	—		—		—		SE	1	SE	4	SE	6	E	6	ESE	7	E	10	E	11	—		—	
8	—		—		—		ESE	11	SE	10	ESE	10	ESE	10	ESE	11	ESE	10	SE	10	—		—	
9	—		—		—		SE	11	SE	12	SE	12	SE	12	SE	12	SE	12	ESE	12	—		—	
10	—		—		—		SSE	7	S	7	S	9	SSW	8	S	8	S	8	S	10	—		—	
11	—		—		—		S	5	SSE	7	SSE	7	SE	6	ESE	9	ESE	11	ESE	11	—		—	
12	—		—		—		SSE	8	S	7	SSE	7	ESE	10	ESE	7	ESE	10	ESE	10	—		—	
13	—		—		—		S	4	S	4	S	3	SSE	3	S	2	S	1	NW	1	—		—	
14	—		—		—		NW	1	NNW	1	NNW	1	Calm	0	N	2	E	1	E	3	—		—	
15	—		—		—		NW	1	Calm	0	W	1	W	1	W	1	Calm	0	Calm	0	—		—	
16	—		—		—		*Calm*	*0*	W	1	E	6	SE	9	SE	9	ESE	11	SE	11	—		—	
17	—		S	1	ESE	1	SSW	3	W	2	N	1	Calm	0	Calm	0	SSW	3	W	2	S	1	ESE	1
18	SE	3	WNW	3	ESE	3	W	2	E	10	E	11	SE	8	E	7	E	9	SE	5	SE	8	SE	7
19	S	6	SSE	5	ESE	5	ESE	9	SE	5	SE	5	SW	2	SSW	5	W	1	N	1	Calm	0	Calm	0
20	Calm	0	Calm	0	S	2	S	1	Calm	0	SW	1	SSW	1	Calm	0	N	3	Calm	0	SW	3	WNW	1
21	*N*	*1*	N	1	Calm	0	WSW	1	WNW	2	W	1	S	1	S	1	SSW	3	WNW	1	Calm	0	Calm	0
22	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	NW	1	WNW	2	Calm	0	Calm	0	SE	1	Calm	0
23	NW	1	NW	2	SSE	2	SSE	1	SE	4	ESE	3	W	1	Calm	0	SE	1	Calm	0	SE	1	S	1
24	Calm	0	Calm	0	Calm	0	SSW	1	SSW	2	Calm	0	WNW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
25	Calm	0	Calm	0	Calm	0	E	1	Calm	0	S	1	W	1	Calm	0	S	1	Calm	0	S	1	S	1
26	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	ENE	1
27	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	WNW	1	W	1	N	1	Calm	0	Calm	0
28	*Calm*	*0*	Calm	0	Calm	0	SSW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
29	Calm	0	NW	1	NNW	2	Calm	0	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	WNW	1	Calm	0	Calm	0
30	Calm	0	Calm	0	ESE	1	Calm	0	Calm	0	SE	2	SE	1	Calm	0	Calm	0	WNW	1	SE	2	S	2
31	S	1	SE	2	SW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

JUNE, 1911.

CAPE ADARE.

D = Direction.
F = Beaufort Numbers.

Local Time.	2 h.		4 h.		6 h.		8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.		24 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	*Calm*	*0*	Calm	0	WNW	1	ESE	7	ESE	11	ESE	4	ESE	5
2	SSE	6	SSE	4	SSE	4	SSE	2	SSE	3	Calm	0	Calm	0	SSE	1	S	1	S	4	SSW	3	S	2
3	S	1	S	1	Calm	0	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1
4	Calm	0	Calm	0	S	1	SW	1	S	1	WSW	1	S	1	SSE	2	SW	1	ESE	2	S	1	S	1
5	Calm	0	Calm	0	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0	NNW	1	SE	4	SW	3	Calm	0
6	*Calm*	*0*	Calm	0	Calm	0	Calm	0	SSW	1	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0	SW	1
7	Calm	0	Calm	0	Calm	0	S	1	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0
8	*Calm*	*0*	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	SE	1
9	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
10	Calm	0	Calm	0	Calm	0	W	1	SE	2	S	1	Calm	0	N	2	Calm	0	Calm	0	Calm	0	Calm	0
11	Calm	0	Calm	0	Calm	0	S	1	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
12	Calm	0	N	1	NW	1	Calm	0	N	1	NW	1	SE	2	S	1	NW	1	Calm	0	S	1	Calm	0
13	S	1	Calm	0	NNW	1	NW	1	NW	1	N	1	SE	4	SE	3	SE	2	Calm	0	SE	1	Calm	0
14	Calm	0	Calm	0	E	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0
15	S	1	SE	1	SE	1	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
16	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	N	1	Calm	0
17	NW	1	S	1	S	1	S	1	E	1	NW	1	SE	1	N	1	Calm	0	Calm	0	N	1	S	1
18	SE	1	SE	1	SE	1	Calm	0	S	1	SE	1	Calm	0	SE	1	NW	5	SE	3	ESE	8	ESE	8
19	ESE	10	ESE	11	ESE	11	ESE	11	ESE	11	ESE	9	ESE	10	ESE	7	ESE	7	ESE	3	N	2	W	1
20	NW	1	SE	1	SE	1	Calm	0	S	1	S	1	S	1	Calm	0	Calm	0	Calm	0	N	1	Calm	0
21	S	1	Calm	0	N	1	Calm	0	Calm	0	N	2	SE	6	NW	3	Calm	0	Calm	0	Calm	0	Calm	0
22	S	1	SW	1	SE	1	Calm	0	ESE	1	NW	1	E	1	N	4	NE	4	Calm	0	Calm	0	NE	1
23	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
24	Calm	0	Calm	0	Calm	0	S	1	Calm	0	SSW	1	Calm	0	NW	1	Calm	0	NW	1	N	1	SSE	1
25	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	*Calm*	*0*	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
26	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0	Calm	0	Calm	0
27	S	1	S	1	S	1	Calm	0	Calm	0	Calm	0	S	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1
28	S	1	Calm	0	Calm	0	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0	S	1
29	Calm	0	S	1	S	1	Calm	0	SE	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1
30	SE	2	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	E	1	SE	5	W	2

TABLE 14 WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

JULY, 1911.

CAPE ADARE.

D = Direction.
F = Beaufort Numbers.

Local Time.	2 h.		4 h.		6 h.		8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.		24 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	SE	2	SE	1	SE	1	SE	1	S	1	S	1	SE	2	SE	2	SE	2	NNW	3	NNW	3	Calm	0
2	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0	SE	1
3	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1	SE	1	S	1	SE	1	Calm	0
4	S	1	S	1	S	1	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	N	1	N	1	NW	2	Calm	0
5	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1
6	S	1	N	2	ESE	2	N	1	S	1	W	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
7	Calm	0	SE	1	SE	1	Calm	0	Calm	0	W	1	ESE	7	ESE	11	ESE	8	ESE	6	SE	6	ESE	9
8	ESE	10	NW	2	NW	1	NNW	2	NNW	1	SE	2	SE	2	SE	4	SSE	3	Calm	0	Calm	0	S	1
9	S	4	S	1	SE	2	S	1	SE	3	S	2	SE	1	S	4	S	2	S	2	S	2	S	6
10	S	7	WSW	5	ESE	6	SSW	2	SE	6	S	1	SSE	2	S	5	SW	1	S	3	SE	1	SSE	2
11	S	1	S	1	SW	1	Calm	0	Calm	0	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
12	S	1	S	1	S	1	Calm	0	SW	1	S	1	S	1	S	1	S	1	S	1	S	1	S	1
13	Calm	0	S	1	S	1	S	1	S	1	Calm	0	Calm	0	W	1	S	1	SW	1	S	1	NW	1
14	Calm	0	SW	1	SE	1	SE	1	ESE	2	ENE	1	NW	1	S	1	NW	1	SW	1	NW	1	N	1
15	NW	3	Calm	0	S	1	*Calm*	*0*	Calm	0	Calm	0	Calm	0	S	1	S	1	Calm	0	SE	1	Calm	0
16	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	S	1	SE	1	S	1	SE	1	SE	1	SE	1
17	Calm	0	Calm	0	Calm	0	Calm	0	SE	2	ESE	2	SE	3	SE	2	SE	1	Calm	0	NW	3	Calm	0
18	Calm	0	Calm	0	SE	1	Calm	0	Calm	0	Calm	0	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
19	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	S	1	SE	1	ESE	1	SE	1	S	1	SE	1	Calm	0
20	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	SE	1
21	SE	1	Calm	0	SE	2	Calm	0	Calm	0	Calm	0	E	1	E	1	Calm	0	Calm	0	*Calm*	*0*	Calm	0
22	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
23	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	SE	1	SE	1	SSE	2	SSE	1
24	Calm	0	Calm	0	Calm	0	SW	1	SSE	1	Calm	0	NW	1	Calm	0	SE	2	SE	2	NW	1	SE	2
25	Calm	0	Calm	0	Calm	0	NE	1	NW	2	S	2	SSE	4	S	3	*SSE*	*2*	SSE	2	SSE	2	Calm	0
26	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	Calm	0	Calm	0	S	1
27	SE	1	Calm	0	SE	2	SW	1	Calm	0	Calm	0	Calm	0	NW	1	SE	1	SE	1	Calm	0	NW	2
28	SE	4	ESE	3	S	1	NW	1	ESE	1	NW	1	Calm	0	NW	2	N	1	N	1	NW	1	Calm	0
29	NW	1	Calm	0	SE	1	Calm	0	*Calm*	*0*	*Calm*	*0*	SE	1	Calm	0	S	1	Calm	0	Calm	0	Calm	0
30	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	1	S	1	Calm	0
31	Calm	0	Calm	0	Calm	0	Calm	0	S	1	Calm	0	S	1	Calm	0	W	1	Calm	0	SE	1	S	1

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

CAPE ADARE. AUGUST, 1911. D = Direction. F = Beaufort Numbers.

Local Time.	8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	Calm	0	Calm	0	Calm	0	SE	1	Calm	0	Calm	0	Calm	0	S	1
2	Calm	0	Calm	0	Calm	0	S	1	S	2	SE	11	SE	11	SE	10
3	SSE	2	SSE	1	S	1	SE	1	SW	1	W	1	NE	1	Calm	0
4	S	1	NE	1	Calm	0	S	1	*Calm*	*0*	Calm	0	Calm	0	Calm	0
5	Calm	0	Calm	0	NW	1	Calm	0	Calm	0	NW	1	Calm	0	NW	1
6	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
7	W	1	S	1	Calm	0	Calm	0	Calm	0	NW	1	Calm	0	NW	1
8	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	S	2	S	1	*Calm*	*0*
9	Calm	0	S	3	S	3	S	2	S	3	SW	2	S	3	*S*	*1*
10	Calm	0	Calm	0	Calm	0	S	1	*Calm*	*0*	Calm	0	NW	2	NW	1
11	NNE	1	NW	2	NW	1	N	2	NW	1	NW	2	NW	1	NW	2
12	NW	1	NW	1	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
13	SE	1	NW	2	NW	4	NW	3	NW	1	NW	1	SSE	1	SSE	2
14	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	*Calm*	*0*	Calm	0
15	SSE	4	SE	10	SE	10	SE	11	SE	12	SE	12	SE	11	*SE*	*10*
16	SE	2	Calm	0	SW	1	NW	1	Calm	0	SE	1	NW	3	Calm	0
17	Calm	0	SE	1	Calm	0	Calm	0	E	1	Calm	0	ESE	1	W	2
18	NW	1	SW	5	SE	5	S	6	WSW	2	NW	1	N	4	SE	8
19	S	4	S	4	S	5	S	4	S	5	S	5	SW	3	S	4
20	S	4	SSW	4	S	4	Calm	0	S	6	S	5	SSW	6	S	5
21	S	1	S	1	SSE	1	SSE	2	W	1	Calm	0	Calm	0	Calm	0
22	Calm	0	Calm	0	S	1	S	1	S	1	S	1	Calm	0	S	2
23	NW	1	Calm	0	Calm	0	Calm	0	SW	1	W	2	NW	2	Calm	0
24	S	1	Calm	0	Calm	0	S	1	S	1	S	1	Calm	0	S	1
25	S	1	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	S	1
26	Calm	0	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
27	Calm	0	Calm	0	SE	1	Calm	0	Calm	0	Calm	0	SE	1	Calm	0
28	W	1	W	1	NW	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
29	Calm	0	SE	1	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
30	E	1	Calm	0	Calm	0	Calm	0	Calm	0	W	1	Var.	2	SE	7
31	S	5	S	4	N	2	SW	2	S	7	SSE	7	S	7	SSE	6

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

CAPE ADARE. SEPTEMBER, 1911. D = Direction. F = Beaufort Numbers.

Local Time.	8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	SSE	4	SSE	5	SSE	2	SSE	2	SSE	1	SE	1	Calm	0	Calm	0
2	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	NW	1	W	1
3	SE	6	SE	10	SE	8	E	10	E	10	E	10	ESE	9	ESE	9
4	ESE	10	ESE	8	ESE	6	S	2	Calm	0	Calm	0	Calm	0	W	1
5	E	1	Calm	0	NW	1	S	1	Var.	1	W	1	NW	1	NW	1
6	S	1	Calm	0	Calm	0	Calm	0	W	1	Calm	0	S	1	S	1
7	Calm	0	SE	1	Calm	0	SE	1	S	1	Calm	0	Calm	0	*Calm*	*0*
8	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
9	*N*	*1*	*N*	*1*	*S*	*1*	*S*	*1*	*ESE*	*7*	*ESE*	*7*	*ESE*	*7*	*ESE*	*7*
10	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*	*ESE*	*9*
11	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*	*ESE*	*11*
12	*ESE*	*3*	*ESE*	*2*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
13	SE	1	SE	1	S	1	S	1	Calm	0	S	1	Calm	0	Calm	0
14	SE	2	SE	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	SE	1
15	ESE	2	ESE	2	NW	1	NW	2	Calm	0	Calm	0	NW	1	*Calm*	*0*
16	SE	11	SE	9	SE	10	SE	12	SE	12	SE	9	SE	7	*SE*	*7*
17	SE	6	SE	6	SSE	6	S	5	W	1	Calm	0	S	1	SW	1
18	Calm	0	Calm	0	SW	1	Calm	0	Calm	0	*Calm*	*0*	Calm	0	NW	1
19	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	*Calm*	*0*
20	ESE	5	ESE	7	ESE	7	ESE	9	ESE	3	ESE	5	ESE	5	ESE	2
21	SSE	2	SSE	3	SSE	3	S	3	SSE	4	SSE	3	SSE	3	SSE	2
22	Calm	0	Calm	0	SE	1	Calm	0	SE	1	S	1	Calm	0	SE	1
23	SSE	2	SSE	1	SSE	1	S	1	S	1	SSE	1	SSE	1	S	2
24	Calm	0	W	1	ESE	1	SE	1	SSE	1	SSE	1	SSE	1	Calm	0
25	Calm	0	SE	1	SSE	1	Calm	0	Calm	0	ESE	7	ESE	5	ESE	10
26	ESE	10	ESE	10	ESE	9	SE	7	ESE	3	SE	3	SE	4	SE	3
27	SE	3	SE	4	SE	4	SE	4	SE	4	SE	4	SSE	5	SSE	3
28	SSE	3	SE	2	SE	2	S	2	Calm	0	Calm	0	Calm	0	Calm	0
29	Calm	0	SE	1	SSE	2	SE	1	SE	1	SE	1	SE	1	*Calm*	*0*
30	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	*Calm*	*0*

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

OCTOBER, 1911.

CAPE ADARE.

D = Direction.
F = Beaufort Numbers.

Local Time.	8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	Calm	0	SW	1	SE	1	SE	1	Calm	0	NE	1	SE	1	*SE*	*1*
2	E	1	Calm	0	Calm	0	Calm	0	Calm	0	SE	5	S	4	S	2
3	S	2	Calm	0	S	1	S	1	S	1	Calm	0	Calm	0	Calm	0
4	Calm	0	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
5	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
6	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*
7	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
8	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
9	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
10	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
11	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*
12	*Calm*	*0*	*Calm*	*0*	*Calm*	*0*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*	*N*	*1*
13	*NW*	*2*	*NW*	*2*	*SE*	*6*	*SE*	*6*	*SE*	*6*	*SE*	*6*	*SE*	*6*	*SE*	*6*
14	SE	9	*SE*	*9*	SE	9	*SE*	*8*	SE	7	*SE*	*6*	SE	4	*SE*	*4*
15	SSE	4	SSE	4	SSE	3	SSE	2	SSE	2	S	5	S	4	S	1
16	S	2	SE	4	S	1	S	1	S	1	Calm	0	NE	3	*NE*	*2*
17	SE	2	S	1	NW	1	NW	3	SE	4	SE	2	ESE	8	ESE	4
18	S	2	S	2	SSE	3	SSE	2	SW	2	S	2	S	2	S	1
19	SE	2	SE	1	SE	2	SE	1	*SE*	*2*	SE	3	Calm	0	Calm	0
20	Calm	0	NW	1	Calm	0	NW	2	Calm	0	Calm	0	S	1	Calm	0
21	NW	1	Calm	0	*Calm*	*0*	Calm	0	SW	1	SW	1	Calm	0	NW	1
22	Calm	0	NW	1	W	1	NW	1	NW	1	NNW	3	NW	1	SSE	1
23	S	1	SSE	1	S	1	NW	1	NW	1	NW	1	NW	1	SSE	1
24	SSE	2	SE	4	SE	1	Calm	0	NW	1	Calm	0	Calm	0	NW	1
25	Calm	0	Calm	0	NW	1	W	1	Calm	0	NW	1	Calm	0	Calm	0
26	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0
27	NNW	3	NNW	2	S	4	S	1	S	4	S	1	Calm	0	Calm	0
28	W	1	S	1	S	1	S	1	S	1	S	1	W	1	E	1
29	SSE	1	SE	1	Calm	0	Calm	0	NW	3	WNW	2	E	1	N	1
30	W	1	N	1	W	1	Calm	0	Calm	0	W	1	W	1	NW	1
31	SE	3	SE	3	SE	1	S	1	S	1	SSE	1	Calm	0	Calm	0

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

CAPE ADARE. NOVEMBER, 1911. D = Direction. F = Beaufort Numbers.

Local Time.	8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	Calm	0	SSE	1	SSE	1	S	1	S	1	NE	1	W	2	N	1
2	SE	5	SE	6	SE	8	SSE	6	SSE	6	SSE	6	SSE	5	SSE	5
3	SSE	2	*SSE*	*2*	SSE	2	Var.	—	Calm	0	Calm	0	Calm	0	Calm	0
4	S	1	S	1	S	1	Calm	0	S	1	S	1	Calm	0	Calm	0
5	SSE	2	Calm	0	Calm	0	NW	1	W	1	Calm	0	SW	1	S	1
6	Calm	0	SW	1	*SW*	*1*	*SW*	*1*	SW	1	Calm	0	Calm	0	*Calm*	*0*
7	Calm	0	NW	1	WNW	1	S	2	Calm	0	Calm	0	S	2	SE	2
8	W	4	SE	4	SE	4	W	1	SE	2	SE	2	NW	3	*NW*	*1*
9	Calm	0	*Calm*	*0*	*Calm*	*0*	Calm	0	SW	2	Calm	0	S	1	Calm	0
10	S	1	SE	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	*Calm*	*0*
11	SE	1	SE	1	NW	2	NW	1	NW	1	S	1	S	1	Calm	0
12	NW	2	WNW	2	NW	3	NW	1	SE	1	NW	1	SW	1	SW	1
13	S	1	S	1	SSW	2	SW	1	S	1	SW	1	NW	1	SW	2
14	SE	1	S	1	SE	1	SE	2	SE	2	SE	3	SE	3	SE	2
15	SE	4	SE	4	SE	4	SE	3	SE	4	SE	4	SE	4	SE	4
16	SE	2	SE	1	S	1	SW	1	*Calm*	*0*	Calm	0	NW	4	Calm	0
17	NW	1	SW	1	Calm	0	SW	1	NW	1	NW	1	N	1	Calm	0
18	NW	1	*Calm*	*0*	Calm	0	NW	1	SW	1	Calm	0	Calm	0	*Calm*	*0*
19	Calm	0	Calm	0	Calm	0	Calm	0	NW	1	NW	1	Calm	0	NW	1
20	Calm	0	Calm	0	S	1	Calm	0	SW	1	S	1	Calm	0	*Calm*	*0*
21	Calm	0	SW	1	W	1	SW	1	SW	1	S.	1	S	1	S	1
22	W	1	Calm	0	SE	1	W	1	SW	1	SW	1	Calm	0	Calm	0
23	ESE	7	ESE	8	ESE	7	ESE	6	SSE	4	SSE	2	S	4	SE	5
24	W	1	WNW	1	W	1	S	3	S	4	SSE	2	S	4	S	2
25	S	2	S	1	S	1	NW	1	NW	1	W	1	Calm	0	SSW	1
26	NNW	1	Calm	0	NW	2	SSW	2	W	2	Calm	0	SE	1	SE	1
27	SW	1	SW	1	S	1	S	1	Calm	0	Calm	0	Calm	0	Calm	0
28	W	1	WNW	1	WSW	1	Calm	0	NW	1	S	1	W	1	Calm	0
29	Calm	0	W	1	Calm	0	Calm	0	W	1	Calm	0	Calm	0	Calm	0
30	Calm	0	W	1	W	1	W	1	Calm	0	SW	1	W	1	S	1

TABLE 14. WIND—TWO-HOURLY VALUES OF DIRECTION AND FORCE.

DECEMBER, 1911.

CAPE ADARE.

D = Direction.
F = Beaufort Numbers.

Local Time.	8 h.		10 h.		12 h.		14 h.		16 h.		18 h.		20 h.		22 h.	
	D	F	D	F	D	F	D	F	D	F	D	F	D	F	D	F
1	Calm	0	NW	1	NW	1	NW	1	NW	2	NW	1	NW	1	Calm	0
2	NW	1	NW	1	NW	1	WNW	2	NW	1	Calm	0	Calm	0	Calm	0
3	SW	1	Calm	0	WNW	1	W	1	W	1	ESE	6	ESE	6	ESE	5
4	SSE	1	WNW	1	NW	1	W	2	W	1	SW	3	SW	3	S	2
5	NW	1	NW	1	NW	1	NW	1	NW	1	W	1	W	1	W	1
6	SW	2	S	1	W	1	NW	3	WNW	4	WNW	3	WNW	3	W	3
7	WNW	2	WNW	2	WNW	2	WNW	2	WNW	2	WNW	2	S	1	S	1
8	ESE	2	Calm	0	ESE	3	WNW	3	Calm	0	E	8	ENE	7	ENE	7
9	Calm	0	Calm	0	SE	2	S	2	W	2	Calm	0	Calm	0	Calm	0
10	Calm	0	SW	1	Calm	0	S	1	Calm	0	W	1	W	1	Calm	0
11	S	1	S	1	S	1	NW	1	NW	1	S	1	NW	1	Calm	0
12	Calm	0	Calm	0	Calm	0	Calm	0	SW	1	NW	1	ESE	5	ESE	4
13	Calm	0	SW	1	SW	1	SW	2	S	1	WNW	1	Calm	0	Calm	0
14	WNW	1	Calm	0	WNW	3	WNW	2	WNW	1	Calm	0	Calm	0	NW	1
15	S	1	S	1	Calm	0	SE	1	S	1	W	1	Calm	0	SE	1
16	Calm	0	NW	2	N	2	S	2	N	1	S	1	Calm	0	Calm	0
17	Calm	0	Calm	0	Calm	0	WNW	2	Calm	0	Calm	0	WNW	1	WNW	1
18	WNW	2	WNW	1	WNW	1	WNW	1	WNW	1	Calm	0	W	1	Calm	0
19	S	4	SE	5	SE	6	SE	4	ESE	3	ESE	5	E	6	ESE	5
20	ESE	5	ESE	5	ESE	5	SE	2	S	3	S	2	S	1	Calm	0
21	W	1	S	1	Calm	0	WNW	1	Calm	0	Calm	0	NW	1	Calm	0
22	S	4	S	4	S	4	SSE	4	S	5	S	5	S	4	S	3
23	N	1	NW	1	Calm	0	S	1	S	1	Calm	0	Calm	0	S	1
24	S	1	S	1	S	1	S	1	S	1	S	1	S	1	S	1
25	SSE	1	S	1	SSE	1	S	1	NW	1	W	1	Calm	0	Calm	0
26	Calm	0	S	1	S	1	S	1	S	1	S	1	SSE	1	S	1
27	Calm	0	Calm	0	Calm	0	W	1	Calm	0	Calm	0	Calm	0	S	1
28	W	1	WNW	1	S	1	W	1	SW	1	S	1	S	1	S	1
29	S	1	S	1	S	1	SSE	1	Calm	0	SW	1	SE	3	ESE	7
30	ESE	8	ESE	6	ESE	7	ESE	7	ESE	6	ESE	7	ESE	8	ESE	7
31	ESE	8	ESE	8	ESE	6	ESE	6	ESE	5	ESE	6	ESE	5	SE	3

TABLE 15. WIND—MONTHLY VALUES OF MEAN VELOCITY.

HUT POINT, CAPE EVANS, AND CAPE ADAIR. Miles per hour.

	Hut Point.		Cape Evans.		Mean Four Years.	Cape Adare.
	1902.	1903.	1911.	1912.		1911. †
January	7*	6	12·5‡	10·9	9·1	—
February	12†	10	22·7	20·5	16·3	—
March	10†	11	25·6	24·8	17·9	8·7
April	12†	9	15·9	20·2	14·3	6·9
May	17	10	12·0	25·0	16·0	15·9
June	12	11	13·2	31·8	17·0	3·6
July	12	9	18·5	28·8	17·1	2·9
August	14	11	16·7	25·3	16·8	6·5
September	10	11	14·5	22·5	14·5	13·2
October	10	12	17·9	17·3	14·3	4·3
November	8	11	16·1	18·9	13·5	4·2
December	8	8	14·7	11·1	10·4	6·3
Mean	11·0	9·9	16·7	21·4	14·8	7·3

* 1904.

† From Beaufort estimates.

‡ January, 1911, 1st to 13th, from Beaufort estimates made on ship; 14th to 31st from anemometer.

TABLE 16. WIND—DAILY VARIATION OF VELOCITY.

(Corrected for non-periodic change.)

CAPE EVANS.

Miles per hour.

Local Time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Standard Time ...	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–1
1911.																								
February	+0·6	+0·8	+1·3	+1·8	+1·8	+1·6	+1·9	+1·8	+1·7	+1·0	+0·7	+0·8	−0·8	−1·8	−1·5	−1·5	−0·8	−0·4	−1·1	−1·6	−1·8	−1·7	−1·4	−1·1
March	−1·5	0·0	+1·5	+0·7	+1·1	+1·8	+1·3	+0·3	+0·6	+0·4	+0·7	−0·2	−1·0	−0·2	+1·0	+0·7	+0·8	+0·3	0·0	−0·8	−0·7	−1·6	−2·6	−2·2
April	−1·8	−1·9	−0·7	−0·8	+0·7	+1·0	+0·6	−0·2	−0·4	−1·4	−2·1	−0·5	+0·1	+2·3	+2·2	+2·0	+0·2	+0·8	+0·9	+0·2	−0·5	+0·6	−0·4	−0·7
May	−0·4	−1·3	−1·2	−0·5	−1·3	−1·5	−2·5	−2·0	−1·8	−0·5	−0·9	−0·8	+0·4	+1·1	+0·5	−0·2	−0·1	+0·4	+2·6	+2·3	+3·1	+2·6	+2·1	+1·0
June	−1·0	−1·0	−0·6	−0·6	+0·4	+0·9	+1·7	+0·2	+1·3	+0·6	+0·6	−0·1	0·0	+0·8	+0·8	+0·6	−0·3	−0·5	−0·5	−0·6	−1·2	−1·5	−0·7	−0·4
July	0·0	+0·5	+0·1	+0·4	+0·5	−0·4	−0·9	+0·3	+0·3	+1·4	+0·5	−0·1	−0·2	0·0	+1·5	+1·1	+0·5	+0·1	−0·2	−0·3	−1·6	−1·5	−1·2	−1·0
August	−0·3	−0·5	+0·4	+1·3	+0·8	+1·3	0·5	−1·5	−0·7	−0·2	−0·6	−0·2	+0·1	+0·2	−0·4	+0·7	+0·6	−0·6	−0·7	−0·1	+0·5	+0·3	+0·6	−0·1
September	+0·5	−0·4	−0·4	+1·5	+1·0	+0·4	0·0	−1·4	−1·1	−1·0	+0·2	−1·0	−1·6	−1·8	−1·4	−0·4	+0·8	+0·9	+0·4	+1·8	+0·8	+0·7	+0·5	+0·3
October	+0·7	−0·4	−0·3	−2·0	−0·9	+0·6	−1·2	−2·7	−3·4	−3·0	−0·4	+1·6	+1·2	+1·5	+0·8	+1·2	+1·5	+1·4	+0·7	+0·8	+0·4	−0·1	+1·3	+1·8
November	−1·4	−1·1	−0·6	−0·3	−0·1	−0·4	−0·1	+0·8	+1·1	+1·3	+1·3	+1·8	+1·5	+2·9	+2·3	+1·6	+0·9	−0·6	−1·1	−1·8	−1·8	−2·2	−2·1	−2·2
December	−0·8	−0·6	−0·9	−0·8	−0·8	−1·0	−0·9	−0·4	−0·4	−0·2	−0·5	+0·4	+1·3	+1·9	+2·0	+0·5	−0·1	−0·1	+0·2	+0·4	+1·0	+0·4	+0·3	0·0
1912.																								
January	−1·3	−2·5	−2·8	−2·7	−2·5	−2·1	−0·8	−0·7	0·0	+1·1	+1·7	+1·8	+2·3	+3·1	+2·9	+2·1	+1·6	+0·5	+0·6	+0·5	−0·3	−1·0	−0·7	−0·6
February	−1·9	−1·9	−1·6	−0·9	−0·5	−0·3	−0·1	−0·2	−0·2	−0·7	−0·4	+1·2	+0·8	+1·0	+2·3	+2·5	+2·3	+1·2	+0·9	−0·8	−0·8	1·3	−1·2	−0·5
March	−2·4	−2·5	−1·2	−1·8	−2·9	−1·5	−0·2	+0·2	+0·1	+0·5	+0·5	−0·7	−0·6	−0·1	+0·6	+2·2	+1·7	+0·6	+1·8	+2·1	+1·1	+0·8	+1·7	−0·1
April	−0·8	+0·5	+3·0	+2·3	+2·2	+1·1	+0·4	+0·8	+0·2	+1·0	+0·3	+0·8	−0·5	−0·5	−0·8	−0·2	−0·2	+0·3	−0·3	−1·6	−2·3	−2·4	−1·9	−0·7
May	+0·5	−0·2	+1·0	+0·8	+0·3	+1·3	+0·7	+1·2	+1·3	+1·4	+0·1	−0·7	−2·0	−1·2	−0·3	−0·3	−0·5	−1·4	−1·1	+0·7	−0·9	−1·8	+1·0	+0·8
June	+3·4	+4·0	+5·0	+4·8	+5·2	+2·5	+1·3	+1·4	−1·1	−1·9	−2·2	−2·6	−2·7	−3·4	−4·0	−1·3	−4·0	−4·9	−4·3	−1·3	+2·0	+2·3	+1·8	+2·6
July	−0·9	−0·9	+1·2	+0·2	−0·2	+1·8	+2·8	+3·5	+2·2	+1·7	+1·6	+0·4	−0·1	−0·4	−1·3	−1·7	−0·8	−1·4	−1·8	−0·8	−0·8	−0·6	−1·7	−1·3
August	−3·2	−3·0	−1·8	−2·0	−1·2	−0·7	0·0	+3·2	+2·8	+1·1	+0·3	+1·3	+3·6	+3·6	+3·1	+1·8	+0·9	+0·9	+0·2	−1·7	−1·4	−1·9	−2·7	−3·2
September	−1·0	−1·4	−0·3	+0·6	−0·1	+0·4	−0·1	+0·4	−0·1	0·0	−0·4	−0·1	−0·4	+1·1	−0·4	−0·8	−0·8	+0·9	+0·5	+0·4	−0·6	−0·3	+1·3	+0·9

TABLE 17. WIND—DAILY VARIATION OF VELOCITY.

(Corrected for non-periodic change.)

HUT POINT AND CAPE EVANS. Miles per hour.

Local Time.		0–2	2–4	4–6	6–8	8–10	10–12	12–14	14–16	16–18	18–20	20–22	22–24
January	1903	−0·9	−0·6	−0·8	−1·3	+0·3	+1·2	+2·2	+1·2	+0·3	−0·5	−0·6	−0·6
	1912	−1·9	−2·75	−2·3	−0·75	+0·55	+1·75	+2·7	+2·5	+1·05	+0·55	−0·65	−0·65
	Mean	−1·4	−1·7	−1·6	−1·0	+0·4	+1·5	+2·4	+1·8	+0·7	0·0	−0·6	−0·6
February	1903	−1·6	−1·0	−1·7	−2·1	−0·2	+0·5	+1·9	+1·2	+1·8	+1·7	+0·3	−0·7
	1911	+0·7	+1·55	+1·7	+1·85	+1·35	+0·75	−1·3	−1·5	−0·6	−1·35	−1·75	−1·25
	1912	−1·9	−1·25	−0·4	−0·15	−0·45	+0·4	+0·9	+2·4	+1·75	+0·05	−1·05	−0·85
	Mean	−0·9	−0·2	−0·1	−0·1	+0·2	+0·6	+0·5	+0·7	+1·0	+0·1	−0·8	−0·9
March	1903	−0·9	−1·2	−1·0	−0·5	+1·2	+0·1	−0·3	+0·7	+0·9	+0·1	+0·4	−0·1
	1911	−0·75	+1·1	+1·45	+0·8	+0·5	+0·25	−0·6	+0·85	+0·55	−0·4	−1·15	−2·4
	1912	−2·45	−1·5	−2·2	0·0	+0·3	−0·1	−0·35	+1·4	+1·15	+1·95	+0·95	+0·8
	Mean	−1·4	−0·5	−0·6	+0·1	+0·7	+0·1	−0·4	+1·0	+0·9	+0·6	+0·1	−0·6
April	1902	−0·5	−1·8	+0·9	−0·8	−2·2	−0·4	+0·6	+1·2	+0·6	+1·3	+0·6	+0·1
	1903	+0·8	−0·1	+0·5	+1·3	−0·1	−1·5	−1·0	−1·0	−0·4	+0·4	+1·0	+0·5
	1911	−1·85	−0·75	+0·85	+0·2	−0·9	−1·3	+1·2	+2·1	+0·5	+0·55	+0·05	−0·55
	1912	−0·15	+2·65	+1·65	+0·6	+0·6	+0·55	−0·5	−0·5	+0·05	−0·95	−2·35	−1·3
	Mean	−0·4	0·0	+1·0	+0·3	−0·6	−0·7	+0·1	+0·4	+0·2	+0·3	−0·2	−0·3
May	1902	+0·4	0·0	+1·0	+0·3	−0·3	−2·3	−2·4	−0·2	−0·5	+2·3	0·0	+1·3
	1903	−0·1	−0·3	0·0	+1·0	−1·3	−1·3	−0·8	0·0	+1·6	+0·9	+0·7	−0·5
	1911	−0·85	−0·85	−1·4	−2·25	−1·15	−0·85	+0·75	+0·15	+0·15	+2·45	+2·85	+1·55
	1912	+0·15	+0·9	+0·8	+0·95	+1·35	−0·3	−1·6	−0·3	−0·95	−0·2	−1·35	+0·9
	Mean	−0·1	−0·1	+0·1	0·0	−0·4	−1·2	−1·0	−0·1	+0·1	+1·4	+0·6	+0·8
June	1902	−1·7	0·0	−0·2	−0·2	+1·4	+1·0	−1·0	−1·0	+0·1	+2·6	+0·3	−0·8
	1903	−0·8	−0·3	+0·9	+1·8	−0·4	−0·3	+0·1	−0·3	−0·7	+0·2	+0·6	−1·1
	1911	−1·0	−0·6	+0·65	+0·95	+0·95	+0·25	+0·4	+0·7	−0·4	−0·55	−1·35	−0·55
	1912	+3·7	+4·9	+3·85	+1·35	−1·5	−2·4	−3·05	−4·15	−4·45	−2·8	+2·15	+2·2
	Mean	+0·1	+1·0	+1·3	+1·0	+0·1	−0·4	−0·9	−1·2	−1·4	−0·1	+0·4	−0·1

TABLE 17. WIND—DAILY VARIATION OF VELOCITY.

(Corrected for non-periodic change.)

HUT POINT AND CAPE EVANS. Miles per hour.

Local Time.		0–2	2–4	4–6	6–8	8–10	10–12	12–14	14–16	16–18	18–20	20–22	22–24
July	1902	+0·2	−0·8	−0·1	−0·4	+0·4	−0·3	−0·9	−0·8	−0·3	+1·1	+0·3	+1·1
	1903	+0·4	+0·4	−0·1	−0·2	−0·4	−0·4	+1·0	−0·3	−0·1	−0·2	+0·2	−0·5
	1911	+0·25	+0·25	+0·05	−0·3	+0·85	+0·2	−0·1	+1·3	+0·3	−0·25	−1·55	−1·1
	1912	−0·9	+0·7	+0·8	+3·15	+1·95	+1·0	−0·25	−1·5	−1·1	−1·3	−0·7	−1·5
	Mean	0·0	+0·1	+0·2	+0·6	+0·7	+0·1	−0·1	−0·3	−0·3	−0·2	−0·4	−0·5
August	1902	+0·5	−0·8	−0·7	−0·8	−0·2	−0·4	+2·2	+1·2	0·0	+0·5	−0·9	−0·2
	1903	+0·6	0·0	−1·1	+1·8	+0·1	+0·3	+0·1	−0·6	+0·3	+0·1	−0·7	−0·7
	1911	−0·4	+0·85	+1·05	−1·0	−0·45	−0·4	+0·15	+0·15	0·0	−0·4	+0·4	+0·25
	1912	−3·1	−1·9	−0·95	+1·6	+1·95	+0·8	+3·6	+2·45	+0·9	−0·75	−1·65	−2·95
	Mean	−0·6	−0·5	−0·4	+0·4	+0·4	+0·1	+1·5	+0·8	+0·3	−0·1	−0·7	−0·9
September ...	1902	−0·9	−1·3	−0·2	−0·4	−0·1	−0·6	−0·6	+1·3	+1·8	+1·2	+0·2	−0·1
	1903	−0·5	−0·8	+1·0	+1·6	+0·9	−0·1	+2·3	−0·8	−0·8	−1·3	−0·7	−1·1
	1911	+0·05	+0·55	+0·7	−0·7	−1·05	−0·4	−1·7	−0·9	+0·85	+1·1	+0·75	+0·4
	1912	−1·2	+0·15	+0·15	0·0	−0·05	−0·25	+0·35	−0·6	+0·05	+0·45	−0·45	+1·1
	Mean	−0·6	−0·4	+0·4	+0·1	−0·1	−0·3	+0·1	−0·2	+0·5	+0·4	−0·1	+0·1
October	1902	−1·1	−1·7	−0·6	−0·2	−1·4	−0·2	+1·1	+1·3	+2·1	+1·5	+0·3	−0·7
	1903	−1·4	−0·5	−0·3	+1·6	+1·5	+1·8	+2·5	+0·3	−0·6	−2·1	−1·4	−1·9
	1911	+0·15	−1·15	−0·15	−1·95	−3·2	+0·6	+1·35	+1·0	+1·45	+0·75	+0·15	+1·55
	Mean	−0·8	−1·1	−0·4	−0·2	−1·0	+0·4	+1·6	+0·9	+1·0	+0·1	−0·3	−0·4
November... ...	1902	+0·2	−0·8	−1·6	−0·6	+0·2	−0·9	0·0	+0·4	+1·4	+1·0	+0·6	0·0
	1911	−1·25	−0·45	−0·25	+0·35	+1·2	+1·55	+2·2	+1·95	+0·15	−1·45	−2·0	−2·15
	Mean	−0·5	−0·6	−0·9	−0·1	+0·7	+0·3	+1·1	+1·2	+0·8	−0·2	−0·7	−1·1
December ...	1902	−0·7	−1·0	−0·5	+0·9	−0·5	+0·3	+0·8	+0·9	+1·0	+0·4	−0·3	−1·1
	1911	−0·7	−0·85	−0·9	−0·65	−0·3	−0·05	+1·6	+1·25	−0·1	+0·3	+0·7	+0·15
	Mean	−0·7	−0·9	−0·7	+0·1	−0·4	+0·1	+1·2	+1·1	+0·4	+0·1	+0·2	−0·5

TABLE 17. WIND—DAILY VARIATION OF VELOCITY.

(Corrected for non-periodic change.)

SEASONS.

HUT POINT AND CAPE EVANS. Miles per hour.

Local Time.	0–2	2–4	4–6	6–8	8–10	10–12	12–14	14–16	16–18	18–20	20–22	22–24
Summer ... November ... December ... January ...	−0·9	−1·1	−1·1	−0·3	+0·2	+0·6	+1·6	+1·4	+0·6	+0·1	−0·4	−0·7
Autumn ... February ... March ... April ...	−0·9	−0·2	+0·1	+0·1	+0·1	0·0	+0·1	+0·7	+0·7	+0·3	−0·3	−0·6
Winter ... May ... June ... July ...	0·0	+0·3	+0·5	+0·5	+0·1	−0·5	−0·7	−0·5	−0·5	+0·4	+0·2	+0·1
Spring ... August ... September ... October ...	−0·7	−0·7	−0·1	+0·1	−0·2	+0·1	+1·1	+0·5	+0·6	+0·1	−0·4	−0·4
Year	−0·6	−0·4	−0·1	+0·1	+0·1	+0·1	+0·5	+0·5	+0·3	+0·2	−0·2	−0·4
Winter 1902	−0·4	−0·3	+0·2	−0·1	+0·5	−0·5	−1·4	−0·7	−0·2	+2·0	+0·2	+0·5
1903	−0·2	−0·1	+0·3	+0·5	−0·7	−0·7	+0·1	−0·2	+0·3	+0·3	+0·5	−0·7
1911	−0·5	−0·4	−0·2	−0·5	+0·2	−0·1	+0·3	+0·7	0·0	+0·5	0·0	0·0
1912	+1·0	+2·2	+1·8	+1·8	+0·6	−0·6	−1·6	−2·0	−2·2	−1·4	0·0	+0·5
Winter 1902 1903 1911	−0·4	−0·2	+0·1	+0·1	0·0	−0·4	−0·3	−0·1	0·0	+1·0	+0·2	−0·1

TABLE 18. WIND—DAILY VARIATION OF CALMS.

(0–1 mile per hour.)

CAPE EVANS. Number of occurrences.

Local Time.	0–1	1–2	2–3	3–4	1–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Standard Time.	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–1
1911.																								
February																								
March	5	5	5	4	4	4	5	7	5	5	3	2	2	2	2	3	2	2	1	1	2	2	2	5
April																								
May																								
June	21	20	20	20	24	24	27	31	25	21	18	19	15	13	15	16	20	19	18	23	21	22	18	17
July																								
August																								
September	17	17	20	20	19	23	27	26	19	16	12	14	14	14	11	17	18	16	16	12	12	15	15	15
October																								
November																								
December	18	19	23	19	17	16	18	17	15	9	7	7	5	3	2	2	3	5	6	8	11	13	15	16
1912.																								
January																								
Year	61	61	68	63	64	67	77	81	64	51	40	42	36	32	33	38	43	42	41	44	49	52	50	53

TABLE 19. WIND—FREQUENCY OF VELOCITIES.

JUBBULPORE (Lat. 23° 6′ N., Long. 80° 0′ E.). Number of occurrences.

Miles per hour.	0–4	5–9	10–14	15–19	20–24	25–29
1897.						
January	426	224	63	20	9	1
February	317	253	66	4	2	0
March	368	259	95	19	2	1
April	344	259	80	27	6	3
May	205	257	240	39	3	0
June	162	253	197	91	15	2
July	243	320	152	27	2	0
August	311	278	139	16	0	0
September	383	240	81	10	2	4
October	508	176	49	10	1	0
November	413	109	14	1	0	0
December	No observations					
1898.						
January	590	139	9	0	0	0
February	359	212	69	25	5	2
March	487	199	55	3	0	0
April	338	217	82	17	1	0
May	318	250	143	32	1	0
June	203	218	207	80	12	0
July	291	244	179	27	3	0
August	141	308	238	41	0	0
September	467	202	49	2	0	0
October	548	154	38	4	0	0
November	334	94	36	7	0	0
December	376	126	14	1	0	0
Total occurrences	8,162	4,991	2,295	503	64	13
Per cent.	50·8	31·2	14·3	3·1	0·4	0·1
,, June, July, August	22·5	27·0	18·5	4·7	0·6	0·1
,, Dec., Jan., Feb. ...	62·8	28·6	6·6	1·5	0·5	0·1

TABLE 20. WIND—FREQUENCY OF VELOCITIES.

(From Figure 2 of "The Beaufort Scale of Wind Force. M.O. 180.")

YARMOUTH (Lat. 52° 37′ N., Long. 1° 43′ E.). Number of occurrences.

Miles per hour.	0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49
Three years	162	718	884	593	357	176	94	66	47	20
Per cent.	5·2	23·0	28·4	19·0	11·5	5·7	3·0	2·1	1·5	0·7

TABLE 21. WIND—FREQUENCY OF VELOCITIES.

CAPE EVANS. Number of occurrences.

Miles per hour.	0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	>60
1911.													
February	71	61	43	76	53	67	85	28	33	16	21	20	1
March	42	97	66	59	69	92	97	79	84	36	21	3	0
April	174	122	77	78	78	79	49	33	21	5	4	1	0
May	317	135	54	40	42	31	36	37	21	20	9	0	0
June	313	106	38	41	48	57	38	26	20	27	5	1	0
July	264	111	39	41	27	27	38	64	57	35	15	19	10
August	294	116	39	31	29	33	49	38	25	52	27	12	3
September	332	98	40	19	32	15	33	13	59	33	15	1	0
October	170	133	57	54	94	57	53	52	41	21	7	2	0
November	184	114	67	67	61	85	63	61	17	0	0	0	0
December	226	100	69	85	67	88	60	30	15	4	0	0	0
1912.													
January	235	197	109	68	42	31	29	16	8	2	2	0	0
February	148	120	52	42	41	62	59	57	56	46	8	3	2
March	65	95	90	77	87	80	60	37	42	22	23	38	28
April	57	137	117	79	82	88	44	23	32	39	16	3	3
May	85	124	77	71	50	67	41	37	48	50	34	27	33
June	83	54	41	30	36	56	49	73	91	76	61	30	40
July	146	29	44	54	40	51	68	52	48	73	76	31	32
August	69	127	55	48	57	47	67	80	94	75	22	2	0
September	85	125	69	41	67	66	80	74	52	17	13	1	0
Total occurrences	3,357	2,201	1,243	1,101	1,108	1,182	1,098	910	864	682	379	194	152
Percentage	22·4	15·3	8·6	7·6	7·7	8·2	7·7	6·7	6·2	4·8	2·6	1·3	1·0

TABLE 22. WIND—FREQUENCY OF NORTHERLY VELOCITIES.

CAPE EVANS. Number of occurrences.

Miles per hour.	1–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59
1911.												
February ...	0	13	5	7	1	0	0	0	0	0	0	0
March ...	7	21	14	12	6	4	2	2	1	0	0	0
April	9	46	30	30	34	16	2	0	0	0	0	0
May ...	7	27	18	20	21	14	15	9	1	0	0	0
June	1	8	7	8	9	8	1	0	0	0	0	0
July	1	1	2	2	3	6	1	0	0	0	0	0
August ...	7	12	6	4	6	11	9	3	1	0	0	0
September ...	8	18	12	2	2	1	0	0	0	0	0	0
October ...	4	20	13	19	25	9	5	0	0	0	0	0
November ...	6	9	7	6	5	6	0	1	0	0	0	0
December ...	11	35	39	37	11	9	5	7	8	2	0	0
1912.												
January ...	6	15	11	8	7	2	0	0	0	0	0	0
February ...	0	6	13	13	3	1	0	0	0	0	0	0
March ...	6	26	24	14	23	19	8	2	0	0	0	0
April	8	39	16	10	10	10	5	0	0	0	0	0
May	5	23	18	35	20	16	10	2	1	0	0	0
June	6	11	5	6	2	5	11	9	7	3	2	2
July	2	11	10	13	15	8	7	2	2	0	0	0
August ...	0	19	15	14	17	3	0	0	0	0	0	0
Total occurrences	91* (410)	360	268	260	220	148	81	37	21	5	2	2
Percentage ...	22·6	19·8	14·8	14·3	12·1	8·2	4·5	2·0	1·2	0·3	0·1	0·1

* By plotting these numbers (above 5—9) and extrapolating the value for 0–4 is found to be 410.

TABLE 23. WIND—FREQUENCY OF VELOCITIES.

SNOW HILL (Lat. 64° 30′ S., Long. 56° 56′ W.). Number of occurrences.

Metres per second.	0 to 1·8	1·9 to 4·0	4·1 to 6·3	6·4 to 8·5	8·6 to 10·7	10·8 to 13·0	13·1 to 15·2	15·3 to 17·4	17·5 to 19·7	19·8 to 21·9	22·0 to 24·1	24·2 to 26·4	>26·4
1902.													
April	76	85	28	33	24	26	25	25	14	10	5	0	0
May	50	38	41	37	26	43	27	19	19	20	24	14	14
June	60	43	35	18	39	18	21	17	28	33	19	18	11
July	80	22	16	14	42	21	41	37	33	27	19	7	10
August	87	43	29	35	32	30	30	21	17	16	5	6	21
September	90	36	35	36	11	20	17	20	35	12	8	4	3
October	82	36	41	39	35	19	18	23	10	25	4	10	0
November	28	77	39	48	30	39	60	34	3	2	0	0	0
December	85	115	76	47	29	18	2	0	0	0	0	0	0
1903.													
January	43	117	102	64	21	22	1	1	0	0	0	0	0
February	39	49	57	70	47	23	23	15	10	2	1	0	0
March	19	22	26	22	32	31	46	47	51	50	20	6	0
April	84	46	43	32	25	37	22	17	23	18	10	3	0
May	115	50	38	35	37	37	36	14	7	3	0	0	0
June	136	26	25	36	54	30	27	9	7	7	1	0	0
July	90	41	35	40	31	37	17	20	21	18	12	4	0
August	70	29	50	51	50	30	19	19	20	14	8	9	3
September	92	59	40	27	36	21	22	11	16	11	11	1	3
October	81	61	51	55	49	31	11	6	9	5	5	2	0
Total	1,407	998	810	739	686	539	468	358	353	273	152	87	65
Percentage	20·3	14·4	11·7	10·7	9·9	7·8	6·8	5·2	5·1	3·9	2·2	1·3	0·8

TABLE 24. WIND—FREQUENCY OF VELOCITIES.

FRAMHEIM. Number of occurrences

Miles per hour.	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
April, 1911, to Jan., 1912	385	236	147	73	33	17	13	5	3	0	0
Percentage	42·2	25·9	16·1	8·0	3·6	1·9	1·4	0·6	0·3	0·0	0·0

TABLE 25. WIND—FREQUENCY OF VELOCITIES.

KERGUELEN (Lat. 50° S., Long. 70° E.) Number of occurrences.

Metres per second.	0 to 1·8	1·9 to 4·0	4·1 to 6·3	6·4 to 8·5	8·6 to 10·7	10·8 to 13·0	13·1 to 15·2	15·3 to 17·4	17·5 to 19·7	19·8 to 21·9	22·0 to 24·1	24·2 to 26·4	Above 26·4
1902.													
February	0	0	9	34	34	24	10	7	2	0	0	0	0
March	4	26	60	84	90	64	30	6	3	1	0	1	0
April	5	27	53	42	39	23	10	3	2	0	0	0	0
May	11	44	67	85	91	51	18	4	1	0	0	0	0
June	0	18	63	70	99	70	21	11	3	0	3	1	1
July	16	61	76	68	72	42	25	9	1	1	1	0	0
August	4	29	48	83	98	68	22	17	3	0	0	0	0
September	0	15	57	84	109	63	17	12	3	0	0	0	0
October	3	28	76	98	93	59	10	4	0	1	0	0	0
November	3	22	98	86	99	29	13	8	2	0	0	0	0
December	0	23	49	96	112	61	17	14	0	0	0	0	0
1903.													
January	0	32	52	68	99	60	42	16	2	1	0	0	0
February	0	8	33	38	33	20	17	11	5	2	1	0	0
Total	46	333	741	936	1,068	634	252	122	27	6	5	2	1
Percentage	1·1	8·0	17·8	22·4	25·6	15·2	6·0	2·9	0·6	0·2	0·1	0·0	0·0

TABLE 26. WIND—FREQUENCY OF VELOCITIES.

NORWEGIAN NORTH POLAR EXPEDITION. Number of occurrences.

Metres per second.	0 to 1·8	1·9 to 4·0	4·1 to 6·3	6·4 to 8·5	8·6 to 10·7	10·8 to 13·0	13·1 to 15·2	15·3 to 17·4
1894.								
January	26	102	39	15	2	0	0	0
February	32	77	43	10	5	1	0	0
March	26	82	71	34	10	2	0	0
April	42	160	98	44	10	3	0	0
May	25	116	119	67	30	11	1	0
June	37	169	126	24	2	0	0	0
July	21	147	164	39	2	0	0	0
August	70	190	65	30	13	3	0	0
September	21	127	137	54	17	3	2	0
October	27	117	99	60	39	24	6	0
November	38	165	123	29	4	1	0	0
December	5	106	154	49	18	28	10	2
1895.								
January	31	139	131	39	21	3	0	0
February	37	164	82	41	11	0	0	0
March	41	208	101	14	3	0	0	0
April	38	214	90	14	0	0	0	0
May	19	114	147	77	14	0	0	0
June	11	96	122	74	19	7	0	0
July	9	119	157	59	19	2	4	1
August	8	139	128	70	17	7	2	0
September	23	135	118	59	18	5	0	0
October	27	160	109	19	19	8	0	0
November	46	182	69	27	20	9	5	2
December	59	175	93	38	6	1	0	0
Total...	719	3,403	2,588	1,016	319	118	30	5
Percentage	8·7	41·4	31·4	12·3	4·2	1·4	0·5	0·1

TABLE 27. WIND—FREQUENCY OF VELOCITIES.

GAUSS STATION (Lat. 65° 2′ S., Long. 89° 38′ E.).

Number of occurrences.

Beaufort numbers	0	0·5	1	1·5	2	2·5	3	3·5	4	4·5	5	5·5	6	6·5	7	7·5	8	8·5	9	9·5	10	10·5	11·0	11·5
1902																								
March	25	8	75	22	53	4	29	13	37	15	37	9	15	3	12	13	1	1	0	0	0	0	0	0
April	37	3	101	23	29	4	18	4	21	5	23	15	13	4	11	2	1	0	6	4	22	14	0	0
May	23	2	41	5	19	10	25	9	21	5	28	10	33	17	29	13	1	13	31	20	15	2	0	0
June	80	4	58	14	16	5	20	17	18	7	25	3	29	13	21	8	6	0	3	10	3	0	0	0
July	61	23	40	16	14	12	15	12	18	11	17	18	11	13	12	21	5	12	8	16	9	7	1	0
August	19	9	18	6	16	11	18	22	25	27	32	25	16	36	4	16	8	17	10	18	5	7	7	0
September	41	32	22	33	29	15	38	36	17	29	11	14	7	7	7	7	1	5	2	1	0	5	0	1
October	77	61	23	32	21	26	12	14	13	18	8	11	13	4	7	6	4	4	5	9	1	2	0	1
November	30	37	22	25	23	41	24	36	14	40	13	20	17	8	4	4	2	0	0	0	0	0	0	0
December	24	47	27	35	25	31	25	53	22	28	22	6	1	3	5	2	5	6	1	4	0	0	0	0
1903																								
January	32	54	42	50	30	25	15	28	11	16	6	16	12	9	8	4	6	2	3	0	3	0	0	0
Total	449	280	469	261	275	184	239	244	217	201	222	147	167	117	120	96	40	60	69	82	58	37	8	2
Number of observations of and above each force	4,044	3,595	3,315	2,846	2,585	2,310	2,126	1,887	1,643	1,426	1,225	1,003	856	689	572	452	356	316	256	187	105	47	10	2
Percentage ...	100·0	88·9	82·0	70·4	63·9	57·1	52·6	46·7	40·6	35·3	30·3	24·8	21·2	17·0	14·1	11·2	8·8	7·8	6·3	4·6	2·6	1·2	0·2	0·0
Lower limiting velocity (metres per second)	0	0·5	1·3	2·0	2·7	3·5	4·3	5·2	6·2	7·2	8·3	9·2	10·2	11·2	12·3	13·5	14·7	16·0	17·3	18·7	20·2	21·7	23·2	0

The values in the two last lines are plotted on a curve, and from it the following values read :—

	m.p.s. 0	m.p.s. 1·8	m.p.s. 4·0	m.p.s. 6·3	m.p.s. 8·5	m.p.s. 10·7	m.p.s. 13·0	m.p.s. 15·2	m.p.s. 17·4	m.p.s. 19·7	m.p.s. 21·9	m.p.s. 24·1
Percentage of observations above velocity given at head of table from curve	100	73	54	41	29	19	12	9	6	3	1	—
Percentage falling within each group		27	19	13	12	10	7	3	3	3	2	

TABLE 28. WIND—FREQUENCY OF VELOCITIES.

CAPE ADARE.

Number of occurrences (percentages).

Beaufort Numbers.	0	1	2	3	4	5	6	7	8	9	10	11	12
1911.													
March	16·6	33·6	20·3	6·5	4·1	6·9	5 5	3·7	0·5	0·9	0·5	0·9	0·0
April	38·1	24·3	9·5	7·6	10·0	1·4	4 3	2·4	1·0	0·0	0·5	0·5	0·5
May	36·9	22·1	5·1	5·5	2·3	2·3	1·8	1·6	2·8	2·8	5·1	5·5	3·2
June	55·8	31·7	3·3	1·9	2·2	0·8	0·6	0·8	0·6	0·3	0·6	1·4	0·0
July	47·0	35·8	9·7	2·7	1·3	0·5	1·3	0·5	0·3	0·3	0·3	0·3	0·0
August	43·5	29·4	8·9	2·8	4·4	3·2	1·6	1·6	0·4	0·0	1·6	1·6	0·8
September	34·2	25·8	7·1	5·4	3·3	2·9	2·1	4·2	0·8	5·8	3·8	3·8	0·8
October	42·7	33·1	9·3	4·0	4·8	0·8	2·8	0·4	0·8	1·2	0·0	0·0	0·0
November	30·1	44·4	11·3	2·5	6·3	1·7	2·1	0·8	0·8	0·0	0·0	0·0	0·0
December	23·4	44·4	9·7	5·6	3·6	4·8	3·6	2·8	2·0	0·0	0·0	0·0	0·0
Percentage of observation of each force	36·8	32·5	9·4	4·5	4·2	2·5	2·6	2·2	1·0	1·1	1·2	1·4	0·5
Percentage of wind above each force...	100·0	63·1	30·6	21·2	16·7	12·5	10·0	7·4	5·2	4·2	3·1	1·9	0·5
Lower limiting velocity (miles per hour)	0	1	3	8	13	18	21	31	39	46	55	61	75

The values in the two last lines are plotted on a curve and from it the following values read :—

Miles per hour ...	0	4	9	14	19	24	29	34	39	44	49	54	59
Percentage of observations above velocity as shown at head of table from curve	100	28·0	20·5	15·5	12·5	10·0	8·0	6·5	5·5	4·5	4·0	3·5	3·0
Percentage falling within each group	72·0	7·5	5·0	3·0	2·5	2·0	1·5	1·0	1·0	0·5	0·5	0·5	>60—3·0

TABLE 29. WIND—NUMBER OF OCCURRENCES, TOTAL WIND AND MEAN VELOCITY FOR EACH DIRECTION.

CAPE EVANS. Number of occurrences.

—	W.S.W.			W.			W.N.W.			N.W.			N.N.W.			N.			N.N.E.			N.E.			E.N.E.		
	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.
		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles hour.		Miles.	Miles-hour.
1911.																											
February*	0	0	—	0	0	—	0	0	—	1	5	5	0	0	—	25	277	11	1	5	5	1	5	5	0	0	—
March	0	0	—	0	0	—	0	0	—	1	18	18	3	39	13	70	873	12	2	22	11	1	4	4	0	0	—
April	0	0	—	2	9	5	0	0	—	3	27	9	20	339	17	151	2,180	14	7	79	11	3	13	4	0	0	—
May	0	0	—	4	90	23	0	0	—	17	244	14	63	1,507	24	57	755	13	0	0	—	0	0	—	0	0	—
June	0	0	—	0	0	—	0	0	—	12	146	12	21	479	23	10	147	15	0	0	—	4	59	15	0	0	—
July	0	0	—	1	2	2	0	0	—	7	153	22	6	101	17	3	79	26	0	0	—	0	0	—	0	0	—
August	0	0	—	0	0	—	2	27	13	45	784	17	12	252	21	3	77	26	0	0	—	0	0	—	0	0	—
September	0	0	—	0	0	—	5	44	9	29	364	13	0	0	—	17	141	8	0	0	—	0	0	—	0	0	—
October	0	0	—	5	43	9	7	129	18	39	522	13	41	817	20	10	116	12	0	0	—	4	20	5	0	0	—
November	0	0	—	8	37	5	24	260	11	6	70	12	1	18	18	9	218	24	6	126	21	9	151	17	1	12	12
December	0	0	—	3	15	5	12	126	11	81	1,132	14	54	1,255	23	16	189	12	0	0	—	0	0	—	0	0	—
1912.																											
January	0	0	—	0	0	—	16	164	10	21	267	13	15	192	13	1	14	14	0	0	—	0	0	—	0	0	—
February	0	0	—	2	17	9	4	49	12	21	317	15	8	111	14	3	41	14	0	0	—	0	0	—	3	7	2
March	0	0	—	3	35	12	5	48	10	37	650	18	74	1,264	17	6	103	17	0	0	—	2	18	9	0	0	—
April	0	0	—	0	0	—	7	79	11	14	298	21	74	1,013	14	16	158	10	0	0	—	0	0	—	2	30	15
May	0	0	—	0	0	—	5	109	22	34	789	23	70	1,134	16	21	237	11	0	0	—	0	0	—	0	0	—
June	0	0	—	0	0	—	8	217	27	20	313	16	38	1,155	30	3	53	18	4	55	14	0	0	—	0	0	—
July	0	0	—	0	0	—	0	0	—	3	62	21	17	335	20	50	944	19	0	0	—	0	0	—	0	0	—
August	0	0	—	0	0	—	0	0	—	0	0	0	57	824	14	11	195	18	20	288	14	0	0	—	0	0	—
Totals	0	0	—	28	248	—	95	1,252	—	391	6,161	—	574	10,835	—	482	6,797	—	40	575	—	24	270	—	6	49	—
Mean velocity (miles per hour)	—	—	0	—	—	9	—	—	13	—	—	16	—	—	19	—	—	14	—	—	14	—	—	11	—	—	8
Percentage of total wind	—	0·0	—	—	0·1	—	—	0·5	—	—	2·3	—	—	4·0	—	—	2·5	—	—	0·2	—	—	0·1	—	—	0·0	—
Percentage of frequency	0·0	—	—	0·2	—	—	0·7	—	—	2·8	—	—	4·2	—	—	3·5	—	—	0·3	—	—	0·2	—	—	0·0	—	—

* February, 1911, 22 days only.

TABLE 29. WIND—NUMBER OF OCCURRENCES, TOTAL WIND AND MEAN VELOCITY FOR EACH DIRECTION—*continued.*

CAPE EVANS.

Number of occurrences.

—	E.			E.S.E.			S.E.			S.S.E.			S.			S.S.W.			S.W.			Variable and Doubtful.			Calm. No. of Obs.
	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	No. of Occur.	Total Wind.	Mean Velocity.	
		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles hour.		Miles.	Miles-hour.		Miles.	Miles-hour.		Miles.	Miles hour.	
1911.																									
February*	1	6	6	55	1,536	28	329	9,273	28	84	1,427	17	4	38	9	0	0	—	1	5	5	26	273	11	—
March	2	16	8	105	3,334	32	410	12,456	30	88	1,782	20	10	67	7	1	2	2	0	0	—	50	309	6	0
April	3	11	4	44	1,170	27	310	6,885	22	21	243	12	4	16	4	0	0	—	1	8	8	113	458	4	37
May	0	0	—	93	2,884	31	122	2,515	21	7	71	10	0	0	—	3	35	12	0	0	—	175	837	5	203
June	4	63	16	208	5,905	28	77	1,597	21	7	116	17	1	6	6	0	0	—	0	0	—	219	971	4	157
July	152	5,946	39	251	6,179	25	62	587	9	5	52	10	2	8	4	1	7	7	4	29	7	120	501	4	127
August	97	4,380	45	205	4,798	23	75	1,327	18	2	53	27	1	7	7	0	0	—	0	0	—	150	690	5	151
September	91	3,784	42	179	4,532	25	50	825	17	4	68	17	0	0	—	0	0	—	0	0	—	163	682	4	184
October	176	5,888	33	208	4,530	22	24	437	18	13	110	8	0	0	—	0	0	—	0	0	—	148	732	5	70
November	140	3,940	28	297	5,930	20	66	438	7	3	13	4	0	0	—	0	0	—	0	0	—	75	376	5	75
December	105	2,630	25	254	5,161	20	26	168	6	2	28	14	0	0	—	0	0	—	0	0	—	68	234	3	123
1912.																									
January	108	2,790	26	319	3,751	12	96	585	6	2	6	3	1	2	2	0	0	—	2	13	7	85	300	4	76
February	28	696	25	441	11,852	27	56	710	13	3	45	15	0	0	—	0	0	—	0	0	—	91	386	4	36
March	130	5,527	43	380	9,964	26	18	271	15	21	242	12	6	58	10	0	0	—	6	52	9	45	206	5	10
April	37	1,409	38	348	8,561	25	56	1,165	21	10	259	26	4	47	12	0	0	—	0	0	—	149	1,457	10	3
May	91	4,304	47	360	10,616	29	59	914	15	3	47	16	0	0	—	0	0	—	0	0	—	60	461	8	40
June	43	2,170	50	393	14,404	37	141	3,980	28	11	347	32	2	11	5	0	0	—	0	0	—	38	151	4	19
July	47	2,397	51	317	11,586	37	133	5,206	39	27	609	23	0	0	—	0	0	—	0	0	—	52	237	5	99
August	5	113	23	320	11,235	35	232	5,411	23	26	396	15	0	0	—	0	0	—	0	0	—	50	348	7	22
Totals	1,260	46,070	—	4,777	127,928	—	2,342	54,750	—	339	5,914		35	260	—	5	44	—	14	107	—	1,877	9,609	—	1,432
Mean velocity (miles per hour)	—	—	37	—	—	27	—	—	23	—	—	17	—	—	7	—	—	9	—	—	8	—	—	5	—
Percentage of total wind	—	17·0	—	—	47·2	—	—	20·2	—	—	2·2	—	—	0·1	—		0·0	—		0·0	—	—	3·6	—	0·0
Percentage of frequency	9·2	—	—	34·8	—	—	17·1	—	—	2·5	—	—	0·3	—		0·0	—	—	0·1	—	—	13·7	—	—	10·4

* February, 1911, 22 days only.

TABLE 30. WIND—FREQUENCY OF OCCURRENCE FOR EACH DIRECTION.

CAPE EVANS.

Percentages.

	"North Winds."									"South Winds."							Calm.	Variable and Doubtful.
	W.S.W.	W.	W.N.W.	N.W.	N.N.W.	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.		
1911.																		
February* ...	0·0	0·0	0·0	0·2	0·0	4·7	0·2	0·2	0·0	0·2	10·4	62·3	15·9	0·8	0·0	0·2	0·0	4·9
March	0·0	0·0	0·0	0·1	0·4	9·4	0·3	0·1	0·0	0·3	14·1	55·1	11·8	1·3	0·1	0·0	0·0	6·7
April	0·0	0·3	0·0	0·4	2·8	21·0	1·0	0·4	0·0	0·4	6·1	43·1	2·9	0·6	0·0	0·1	5·1	15·7
May	0·0	0·5	0·0	2·3	8·5	7·7	0·0	0·0	0·0	0·0	12·5	16·4	0·9	0·0	0·4	0·0	27·2	23·5
June	0·0	0·0	0·0	1·7	2·9	1·4	0·0	0·6	0·0	0·6	28·9	10·7	1·0	0·1	0·0	0·0	21·8	30·4
July	0·0	0·1	0·0	0·9	0·8	0·4	0·0	0·0	0·0	20·4	33·7	8·3	0·7	0·3	0·1	0·5	17·1	16·1
August ...	0·0	0·0	0·3	6·0	1·6	0·4	0·0	0·0	0·0	13·0	27·6	10·1	0·3	0·1	0·0	0·0	20·3	20·1
September ...	0·0	0·0	0·7	4·0	0·0	2·4	0·0	0·0	0·0	12·6	24·9	6·9	0·6	0·0	0·0	0·0	25·6	22·6
October ...	0·0	0·7	0·9	5·2	5·5	1·3	0·0	0·5	0·0	23·7	28·0	3·2	1·8	0·0	0·0	0·0	9·4	20·0
November ...	0·0	1·1	3·3	0·8	0·1	1·3	0·8	1·3	0·1	19·4	41·3	9·4	0·4	0·0	0·0	0·0	10·1	10·1
December ...	0·0	0·4	1·6	10·9	7·3	2·2	0·0	0·0	0·0	14·1	34·1	3·5	0·3	0·0	0·0	0·0	16·5	9·1
1912.																		
January ...	0·0	0·0	2·2	2·8	2·0	0·1	0·0	0·0	0·0	14·5	42·9	12·9	0·3	0·1	0·0	0·3	10·2	11·4
February ...	0·0	0·3	0·6	3·0	1·1	0·4	0·0	0·0	0·4	4·0	63·4	8·0	0·4	0·0	0·0	0·0	5·2	13·1
March	0·0	0·4	0·7	5·0	9·9	0·8	0·0	0·3	0·0	17·5	51·1	2·4	2·8	0·8	0·0	0·8	1·3	6·0
April	0·0	0·0	1·0	2·0	10·0	2·2	0·0	0·0	0·3	5·1	48·3	7·8	1·4	0·6	0·0	0·0	0·4	20·7
May	0·0	0·0	0·7	4·6	9·4	2·8	0·0	0·0	0·0	12·2	48·4	7·9	0·4	0·0	0·0	0·0	5·4	8·1
June	0·0	0·0	1·1	2·8	5·1	0·4	0·6	0·0	0·0	6·0	54·6	19·6	1·5	0·2	0·0	0·0	2·6	5·3
July	0·0	0·0	0·0	0·4	2·3	6·7	0·0	0·0	0·0	6·3	42·6	17·9	3·6	0·0	0·0	0·0	13·3	7·0
August ...	0·0	0·0	0·0	0·0	7·7	1·5	2·7	0·0	0·0	0·7	43·0	31·2	3·5	0·0	0·0	0·0	3·0	6·7
Mean	0·0	0·2	0·7	2·8	4·2	3·5	0·3	0·2	0·0	9·2	34·8	17·1	2·5	0·3	0·0	0·1	10·4	13·7

* February, 1911, 22 days only

TABLE 31. WIND—MEAN VELOCITY AND FREQUENCY FOR EACH DIRECTION.

CAPE ADARE.

Velocity in miles per hour.

		N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.	Calms.	Variable.	Total and Mean.
1911.																				
March	No. of Obs.	6	1	8	5	7	81	11	6	22	5	7	4	3	3	9	3	36	0	217
	Mean Vel.	4	2	4	3	4	17	10	7	8	2	4	5	2	3	3	3	0	—	8·7
April	No. of Obs.	7	1	3	1	6	21	9	6	45	7	4	4	10	3	3	0	80	0	210
	Mean Vel.	2	10	4	15	18	27	13	15	8	8	3	3	3	6	5	0	0	—	6·9
May	No. of Obs.	5	1	0	0	15	20	24	7	26	9	2	1	13	7	5	2	80	0	217
	Mean Vel.	4	10	0	0	39	57	39	28	15	12	4	2	3	3	2	2	0	—	15·9
June	No. of Obs.	13	0	2	0	4	18	25	8	58	3	5	1	3	1	16	2	201	0	360
	Mean Vel.	4	0	8	0	2	42	6	10	2	5	4	2	3	2	4	2	0	—	3·6
July	No. of Obs.	7	0	1	1	2	13	59	10	64	1	8	1	4	0	22	4	175	0	372
	Mean Vel.	2	0	2	2	2	26	4	6	4	5	2	21	2	0	3	7	0	—	2·9
August	No. of Obs.	3	1	2	0	2	1	26	9	49	2	7	1	8	0	28	0	108	1	248
	Mean Vel.	8	2	2	0	2	2	30	11	9	21	7	5	3	0	4	0	0	—	6·5
Sept.	No. of Obs.	2	0	0	0	4	45	44	26	20	0	2	0	6	0	8	0	82	1	210
	Mean Vel.	1	0	0	0	45	41	19	8	4	0	2	0	2	0	2	0	0	—	13·2
Oct.	No. of Obs.	15	0	3	0	3	2	35	13	33	0	4	0	8	1	22	3	106	0	248
	Mean Vel.	2	0	6	0	2	29	17	6	5	0	3	0	2	5	3	8	0	—	4·3
Nov.	No. of Obs.	2	0	1	0	0	4	33	14	36	3	24	1	19	4	25	1	72	1	240
	Mean Vel.	2	0	2	0	0	35	10	12	4	1	2	2	3	3	4	2	0	—	4·2
Dec.	No. of Obs.	3	0	0	2	2	29	9	6	55	0	11	0	19	28	26	0	58	0	248
	Mean Vel.	3	0	0	35	35	26	11	4	4	0	4	0	3	5	3	0	0	—	6·3
10 Months	No. of Obs.	63	4	20	9	45	234	275	105	408	30	74	13	93	47	164	15	998	3	2,600
	Mean Vel.	3·1	6·0	4·2	11·4	22·0	29·6	15·2	10·0	5·9	8·1	3·2	5·0	2·6	4·1	3·2	4·7	0	—	7·3

TABLE 32. WIND—TOTAL AIR MOVEMENT FROM EACH DIRECTION.

CAPE EVANS.

Miles, reduced to a period of 100 hours.

	W.S.W.	W.	W.N.W.	N.W.	N.N.W.	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	Direction Un-recorded.
1911.																	
February * ...	0·0	0·0	0·0	0·9	0·0	52·5	0·9	0·9	0·0	1·1	290·9	1,756·3	270·3	7·2	0·0	0·9	51·7
March	0·0	0·0	0·0	2·4	5·2	117·3	3·0	0·5	0·0	2·2	148·1	1,674·2	239·5	9·0	0·3	0·0	11·5
April	0·0	1·3	0·0	3·7	47·1	302·8	11·0	1·8	0·0	1·5	162·5	956·3	33·7	2·2	0·0	1·1	63·6
May	0·0	12·1	0·0	32·8	202·6	101·5	0·0	0·0	0·0	0·0	387·6	338·0	9·5	0·0	4·7	0·0	112·5
June	0·0	0·0	0·0	20·3	66·5	20·4	0·0	8·2	0·0	8·7	820·1	221·8	16·1	0·8	0·0	0·0	134·9
July	0·0	0·3	0·0	20·6	13·6	10·6	0·0	0·0	0·0	799·2	830·5	78·9	7·0	1·1	0·9	3·9	67·3
August	0·0	0·0	3·6	105·1	33·9	10·3	0·0	0·0	0·0	588·7	644·9	178·4	7·1	0·9	0·0	0·0	92·7
September ...	0·0	0·0	6·1	50·6	0·0	19·6	0·0	0·0	0·0	525·6	629·5	111·6	9·4	0·0	0·0	0·0	91·7
October	0·0	5·8	17·3	70·2	109·8	15·6	0·0	2·7	0·0	791·4	609·0	58·7	14·8	0·0	0·0	0·0	98·1
November ...	0·0	5·1	36·1	9·7	2·5	30·3	17·5	21·0	1·7	547·2	823·6	60·8	1·8	0·0	0·0	0·0	52·2
December ...	0·0	2·0	16·9	152·1	168·7	25·4	0·0	0·0	0·0	353·5	693·7	22·6	3·8	0·0	0·0	0·0	31·5
1912.																	
January	0·0	0·0	22·0	35·9	25·8	1·9	0·0	0·0	0·0	375·0	504·2	78·6	0·8	0·3	0·0	1·7	40·3
February ...	0·0	2·1	7·0	45·5	15·9	5·9	0·0	0·0	1·0	100·0	1,702·9	102·0	6·5	0·0	0·0	0·0	58·2
March	0·0	4·7	6·5	87·4	169·9	13·8	0·0	2·4	0·0	742·9	1,339·2	36·4	32·5	7·8	0·0	7·0	28·5
April	0·0	0·0	11·0	41·4	140·7	21·9	0·0	0·0	4·2	195·7	1,189·0	161·8	36·0	6·5	0·0	0·0	202·8
May	0·0	0·0	14·7	106·0	152·4	31·9	0·0	0·0	0·0	578·5	1,426·9	122·8	6·3	0·0	0·0	0·0	62·6
June	0·0	0·0	30·1	43·5	160·4	7·4	7·6	0·0	0·0	301·4	2,000·6	552·8	48·2	1·5	0·0	0·0	23·5
July	0·0	0·0	0·0	8·3	45·0	126·9	0·0	0·0	0·0	322·1	1,557·3	699·8	81·9	0·0	0·0	0·0	33·9
August	0·0	0·0	0·0	0·0	110·7	26·2	38·7	0·0	0·0	15·2	1,510·1	727·2	53·2	0·0	0·0	0·0	47·2
Mean	0·0	1·8	9·0	41·0	77·4	49·6	4·1	2·0	0·4	328·9	924·8	418·0	46·2	2·0	0·3	0·8	70·4

* February 1911, 22 days only.

TABLE 33. WIND—GUSTINESS.

CAPE EVANS.

Gustiness = $\frac{\text{Max.} - \text{Min.}}{\text{Mean}}$ in one hour.

Mean Velocity Miles per hour:	"South Winds."										"North Winds."								All Winds. North and South.	
	10—19		20—29		30—39		40—49		All Winds		10—19		20—29		30—39		All Winds.			
——	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.	No. of Obs.	Gusti-ness.
1911.																				
March	48	1·38	177	1·12	154	0·97	32	0·87	411	1·07	15	0·88	9	0·71	2	0·85	26	0·82	437	1·06
April	16	0·82	69	1·03	37	0·98	1	0·76	123	0·98	46	0·99	14	0·84	0	—	60	0·96	183	0·98
May	1	0·93	19	0·83	13	0·84	7	0·78	40	0·83	6	0·84	17	0·85	5	0·72	28	0·82	68	0·82
June	9	1·13	37	1·10	38	0·90	5	0·87	89	1·00	8	0·90	3	0·75	0	—	11	0·86	100	0·99
July	4	1·08	70	1·08	60	1·02	32	0·90	166	1·02	7	0·91	1	1·15	0	—	8	0·91	174	1·02
August	15	1·49	43	1·20	48	1·22	5	1·31	111	1·25	6	1·34	5	1·00	0	—	11	1·19	122	1·25
September	5	1·54	65	1·32	28	1·39	1	1·50	99	1·36	0	—	0	—	0	—	0	—	99	1·36
October	48	1·45	68	1·22	13	0·99	0	—	129	1·28	15	1·10	1	0·95	0	—	16	1·09	145	1·26
November	50	1·03	140	0·92	73	0·83	3	0·73	266	0·92	7	1·10	5	0·85	1	0·73	13	0·98	279	0·92
December	51	1·05	122	1·02	16	1·18	0	—	189	1·02	25	0·96	18	0·72	14	0·63	57	0·80	246	0·97
1912.																				
January	62	1·03	63	1·03	15	1·10	4	1·08	144	1·04	8	0·87	2	0·75	0	—	10	0·85	154	1·02
February - ...	30	1·03	69	0·91	40	0·89	5	0·69	144	0·92	6	1·05	0	—	0	—	6	1·05	150	0·92
Nov.-Dec.-Jan. ...	163	1·04	325	0·98	104	0·89	7	0·93	599	0·98	40	0·97	25	0·75	15	0·63	80	0·83	679	0·96
Feb.-Mar.-Apl. ...	91	1·17	315	1·05	231	0·95	38	0·85	678	1·02	67	0·97	23	0·79	2	0·85	92	0·92	770	1·01
May-June-July ...	14	1·10	126	1·05	111	0·96	44	0·88	295	0·99	21	0·89	21	0·85	5	0·72	47	0·85	342	0·97
Aug. Sept. Oct. ...	68	1·47	176	1·25	89	1·24	6	1·34	339	1·29	21	1·17	6	0·99	0	—	27	1·13	366	1·28
Year	339	1·16	912	1·06	535	0·99	95	0·90	1911	1·05	149	0·99	75	0·81	22	0·67	246	0·90	2157	1·04

SECTION III.

CLOUD AND SUNSHINE.

TABLES 34 to 44.

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	Jan.* 1911.	Feb. 1911.	March, 1911.						April, 1911.					
Local Time.	7 h.	7 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	8 h.	8 h.	4 h.	8 h.	12 h.	16 h.	20 h.	21 h.	1 h.	8 h.	12 h.	16 h.	20 h.	21 h.
Day.														
1	5	9	*10*	10	10	8	9	8	9	10	8	5	3	0
2	3	1	8	10	9	10	10	10	8	7	8	3	10	10
3	9	10	10	10	10	10	5	10	10	10	10	10	10	10
4	2	2	10	9	10	5	3	5	10	10	10	10	10	10
5	1	10	3	10	10	10	10	10	10	10	2	1	1	0
6	4	10	10	8	7	3	3	1	0	2	2	2	0	0
7	9	3	5	3	3	3	3	*3*	8	10	9	*10*	10	10
8	0	3	2	2	*3*	4	1	1	*10*	10	10	10	10	10
9	9	0	3	2	1	5	1	10	3	10	7	1	3	3
10	9	10	10	9	8	7	10	10	10	10	10	10	10	4
11	10	10	10	10	10	10	10	10	1	10	*10*	5	10	10
12	9	10	10	10	10	10	10	10	10	10	10	10	10	10
13	2	9	10	9	7	6	10	10	6	10	9	5	10	10
14	10	9	*10*	10	10	10	2	9	10	10	10	10	10	10
15	1	9	5	5	1	1	4	1	10	10	10	10	10	10
16	1	9	7	3	8	2	2	10	10	10	10	*10*	10	8
17	10	9	10	7	8	8	10	10	10	10	10	10	10	10
18	8	9	10	10	10	9	10	2	10	5	1	1	0	*0*
19	10	10	5	10	10	9	10	2	0	2	10	10	10	10
20	6	10	7	1	5	10	10	10	10	10	8	9	8	3
21	1	2	10	10	10	10	10	7	*10*	10	10	10	10	8
22	9	9	10	10	10	10	10	10	10	10	10	*6*	2	0
23	1	10	4	7	8	9	5	10	0	10	8	10	5	1
24	7	7	10	10	9	10	7	4	3	2	2	1	0	1
25	0	10	7	10	10	8	10	9	10	2	0	1	10	1
26	0	7	5	7	5	9	5	7	10	10	10	*10*	10	10
27	1	10	8	9	9	10	10	10	10	10	10	10	10	10
28	8	4	9	10	10	10	10	10	1	8	9	5	1	10
29	9		10	9	10	10	10	10	10	10	10	10	0	0
30	8		5	10	9	10	10	10	2	10	3	3	0	0
31	10		10	8	10	9	9	2						
Mean	5·6	7·5	7·8	8·0	8·1	7·9	7·4	7·5	7·1	8·6	7·9	6·9	6·8	6·0

* From January 1st to 12th the cloud observations were taken on the ship.

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

Local Time.	May, 1911.						June, 1911.					
	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	0	2	0	0	0	0	10	10	10	10	10	*10*
2	0	0	3	3	0	0	*1*	1	1	2	*1*	0
3	0	3	9	4	3	3	0	1	9	4	0	0
4	10	10	7	1	0	0	1	0	0	0	0	0
5	0	1	*1*	8	2	2	0	10	10	10	10	10
6	2	7	10	2	0	0	10	10	8	8	1	0
7	10	10	*10*	10	2	1	1	0	0	*1*	3	3
8	0	3	10	10	10	0	0	0	0	0	8	8
9	0	3	10	7	4	6	0	10	10	10	10	10
10	10	10	10	10	4	3	10	10	10	10	10	10
11	3	4	10	10	10	10	10	10	2	2	2	1
12	10	10	10	10	10	10	4	7	8	10	10	10
13	10	2	10	10	10	10	0	0	1	0	7	5
14	10	10	10	1	8	*5*	4	10	7	10	10	3
15	1	7	5	10	10	6	9	9	10	9	10	6
16	9	9	10	7	10	10	2	7	10	10	10	8
17	10	10	10	10	10	10	4	5	*6*	7	10	10
18	7	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	1	2	5	3	0	0	0	0
10	8	9	10	10	6	0	0	1	1	1	0	0
21	0	0	0	0	*0*	0	0	10	0	0	0	0
22	0	0	0	0	10	10	0	0	0	0	0	0
23	10	10	1	10	0	0	0	0	10	10	10	10
24	0	1	4	5	10	10	10	10	4	10	10	8
25	10	10	10	10	10	10	7	10	10	10	0	0
26	4	2	5	0	0	4	0	0	0	0	0	0
27	3	10	10	*10*	10	0	0	10	10	0	0	0
28	0	0	0	0	0	0	0	10	0	0	0	0
29	0	0	1	1	0	8	0	0	0	0	*0*	0
30	6	10	3	0	0	0	0	0	0	0	0	0
31	10	10	10	10	10	10						
Mean	4·9	5·9	6·8	6·2	5·3	1·5	3·3	5·5	1·9	1·8	1·7	1·2

TABLE 31. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

Local Time.	July, 1911.						August, 1911.					
	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	1 h.	8 h.	12 h.	16 h.	20 h.	21 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	0	0	0	0	0	0	0	2	0	0	0	0
2	2	1	*0*	0	0	0	0	1	2	0	0	10
3	0	3	1	10	10	2	10	10	10	10	10	10
4	*6*	10	10	10	*10*	10	3	4	10	10	10	10
5	10	10	10	10	10	7	10	3	10	10	10	10
6	0	1	0	0	0	0	2	10	10	5	10	7
7	0	0	1	0	5	3	2	2	0	0	0	3
8	7	10	10	10	10	10	1	0	1	0	10	*10*
9	10	10	10	10	10	10	10	4	0	10	10	*10*
10	10	*10*	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10
12	10	7	7	*6*	5	3	8	10	1	0	0	0
13	5	10	5	7	10	10	0	0	7	3	0	0
14	10	10	10	8	10	10	0	0	0	0	0	0
15	10	10	3	5	5	0	0	8	10	10	10	0
16	0	0	0	0	2	0	2	5	6	1	0	0
17	3	9	10	3	2	0	0	2	2	1	0	10
18	5	1	0	1	0	0	10	2	0	0	1	2
19	0	0	1	1	0	0	2	10	10	10	10	10
20	0	1	7	4	0	0	10	10	5	5	5	0
21	0	0	0	2	10	10	10	3	2	3	0	10
22	10	10	10	10	10	10	10	10	10	7	10	10
23	10	10	10	10	10	5	10	10	10	10	10	10
24	0	2	10	10	10	7	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	7	8	9	8
26	5	3	7	10	10	0	5	2	0	7	10	10
27	0	0	0	0	0	0	1	1	10	10	0	0
28	0	0	0	1	0	0	2	10	5	1	0	0
29	0	0	2	0	0	0	0	9	7	5	0	0
30	0	0	0	0	0	*0*	0	0	0	1	0	0
31	*0*	0	2	10	3	1	0	10	3	7	10	10
Mean	4·3	4·8	5·0	5·4	5·5	4·1	4·8	5·8	5·4	5·3	5·3	5·8

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	September, 1911.						October, 1911.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	1 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	*10*	10	2	9	2	0	10	1	1	9	10	10
2	10	10	10	2	0	3	10	10	10	10	10	10
3	5	5	10	10	10	10	10	10	10	8	10	10
4	10	10	10	10	10	10	10	5	4	10	8	5
5	0	0	0	3	4	10	10	10	10	10	10	10
6	10	10	7	10	7	10	8	2	6	9	10	10
7	9	10	10	9	7	8	10	8	2	0	1	2
8	10	1	1	8	3	10	1	1	1	2	7	7
9	8	7	8	8	7	7	10	10	10	10	10	10
10	5	6	10	10	7	10	10	9	10	10	10	10
11	10	10	10	10	10	8	10	10	10	10	10	10
12	7	10	10	10	10	3	10	10	10	10	10	10
13	4	8	1	9	0	0	9	4	1	2	8	10
14	0	4	0	10	0	0	10	10	10	10	10	1
15	0	8	1	10	9	0	1	10	6	8	7	10
16	9	6	2	10	5	3	10	10	10	10	8	10
17	2	2	1	0	0	0	3	1	10	5	8	10
18	2	7	8	10	1	1	10	10	10	10	10	10
19	10	8	10	7	7	3	10	10	10	10	6	10
20	8	10	5	8	5	9	10	10	10	9	3	3
21	10	8	10	7	10	10	10	10	10	10	10	5
22	7	2	7	10	2	0	1	1	10	10	10	9
23	0	0	1	1	1	0	1	2	9	10	10	2
24	2	0	1	10	10	8	0	0	0	7	7	10
25	10	10	10	9	10	10	0	2	5	7	5	7
26	6	1	10	10	10	10	10	7	8	10	2	5
27	10	10	10	10	10	1	5	8	7	10	4	7
28	10	1	1	0	0	1	10	10	10	10	3	1
29	0	0	0	0	0	4	0	0	0	0	0	0
30	10	10	10	10	10	10	1	2	5	10	10	10
31							10	10	10	1	1	1
Mean	6·5	6·2	6·1	7·7	5·7	5·3	7·1	6·7	7·3	8·0	7·1	7·4

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	November, 1911.						December, 1911.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	1 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	1	0	4	8	10	10	*10*	10	10	10	9	10
2	10	10	10	10	7	10	10	9	2	0	1	2
3	10	3	10	10	7	9	10	10	10	10	10	1
4	*10*	10	8	9	10	10	3	8	10	10	3	1
5	10	10	6	6	7	2	*4*	7	8	10	10	10
6	3	9	6	9	10	10	10	10	10	10	10	10
7	8	9	9	10	10	10	*10*	10	9	2	5	8
8	9	10	10	10	10	1	9	1	0	0	0	1
9	5	5	8	10	10	6	1	8	10	2	0	0
10	10	10	10	10	8	6	1	0	0	0	0	0
11	7	9	9	9	9	7	0	0	0	0	0	0
12	8	9	9	10	8	6	8	7	8	9	9	6
13	7	7	10	10	9	7	8	7	8	7	3	10
14	10	10	8	8	10	*9*	9	10	5	8	8	*9*
15	8	9	8	10	10	10	9	10	10	8	2	9
16	10	10	10	10	8	0	5	9	9	1	1	0
17	0	0	0	2	0	0	0	1	8	8	10	0
18	0	0	0	0	0	0	*5*	9	8	8	5	0
19	0	0	0	0	0	0	*4*	8	8	5	2	1
20	0	0	*0*	0	0	0	1	8	10	10	10	10
21	*5*	8	8	9	7	*5*	10	10	10	8	5	5
22	1	5	*5*	*5*	10	*9*	*6*	7	8	1	1	1
23	8	4	7	8	2	1	*4*	7	0	1	3	4
24	*1*	1	2	4	0	4	5	1	0	0	0	0
25	*2*	1	1	0	0	*0*	0	0	0	*4*	8	10
26	0	1	0	8	10	10	10	7	9	10	3	*5*
27	*7*	4	2	2	8	*4*	8	9	10	*8*	7	*8*
28	1	8	10	*9*	8	5	10	10	8	10	8	*8*
29	*4*	3	2	7	9	*10*	9	10	8	*8*	7	*8*
30	10	7	9	9	10	10	10	10	10	10	10	*9*
31							8	9	8	9	10	6
Mean	5·5	5·7	6·0	7·1	6·9	5·7	6·5	7·2	6·9	6·0	5·2	4·9

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0-10.

	January, 1912.						February, 1912.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	10	8	9	1	3	*3*	10	9	10	10	10	10
2	2	2	1	7	10	*10*	10	10	9	10	10	10
3	10	10	9	9	9	*7*	9	10	9	1	3	10
4	5	8	9	10	8	*5*	8	8	8	8	9	6
5	2	1	3	7	7	0	8	8	3	0	1	10
6	0	3	6	3	1	*0*	10	9	8	0	1	5
7	0	0	0	0	5	9	*	*	*	*	*	*
8	*5*	1	*5*	9	10	*6*	*6*	*7*	9	9	10	*10*
9	2	7	7	1	2	*5*	*10*	10	10	8	6	*7*
10	9	10	10	5	8	10	*7*	8	10	10	10	*10*
11	*7*	4	5	7	9	*5*	*9*	9	10	9	4	1
12	1	1	0	0	0	*0*	7	9	6	3	5	*3*
13	1	0	0	8	10	10	*2*	1	8	8	7	5
14	10	10	10	9	10	10	9	10	10	9	9	10
15	9	9	10	10	10	10	7	10	9	10	10	10
16	9	10	5	3	0	1	10	10	10	10	10	10
17	*1*	1	2	3	8	*9*	10	10	10	10	10	10
18	10	10	10	10	10	*10*	9	9	10	9	10	10
19	10	10	10	10	9	*9*	10	10	10	10	10	10
20	9	4	7	3	8	*4*	10	10	10	10	10	10
21	0	5	0	0	0	0	10	10	10	10	7	10
22	*4*	9	8	9	10	9	7	8	3	8	7	9
23	*5*	1	0	3	7	9	7	9	10	9	1	1
24	0	2	2	2	0	10	0	5	10	10	10	10
25	10	0	0	0	0	0	10	10	9	9	10	10
26	2	5	7	3	8	10	*	*	*	*	*	*
27	*10*	9	10	8	2	7	*	*	*	*	*	*
28	2	0	0	0	0	0	*	*	*	*	*	*
29	0	3	1	0	2	6	*	*	*	*	*	*
30	1	2	1	1	1	10						
31	10	8	8	10	10	10						
Mean	5·0	4·9	5·0	1·9	5·8	6·3	8·1	8·7	8·8	8·0	7·5	8·2

* No observations.

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

Local Time.	March, 1912.						April, 1912.					
	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	10	10	*10*	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	7
3	9	2	5	7	8	2	10	8	8	10	10	9
4	0	0	0	0	9	8	10	9	0	0	0	*0*
5	3	0	0	1	3	10	0	0	0	0	0	0
6	3	9	8	7	0	0	3	10	10	0	0	1
7	0	1	2	0	0	2	3	3	3	10	10	10
8	4	7	9	9	9	5	10	10	10	10	10	5
9	4	9	10	10	10	10	10	10	10	10	10	7
10	10	10	10	10	10	10	10	10	3	3	0	*
11	10	6	10	10	10	10	*	10	*10*	10	10	10
12	10	10	8	8	10	10	*	10	10	4	0	*
13	10	8	7	10	10	4	10	6	8	10	4	*
14	10	10	10	10	10	10	*	5	1	1	1	*
15	10	9	9	10	*10*	10	*	1	2	2	5	*
16	10	10	9	9	6	1	*	7	6	2	2	*
17	5	9	10	10	10	10	*	9	8	1	5	*
18	10	10	8	10	10	6	*	4	2	4	2	*
19	10	8	10	10	10	10	*	10	10	10	10	*
20	10	10	10	10	10	10	*	10	10	8	4	*
21	10	10	10	10	10	0	*	2	8	7	9	*
22	10	10	3	10	10	9	*	9	10	9	10	*
23	5	0	0	0	0	2	*	6	7	10	10	*
24	8	9	10	10	10	7	*	10	9	2	6	*
25	5	6	2	5	5	10	*	1	5	2	0	*
26	*10*	10	10	10	10	10	*	0	*0*	0	0	*
27	*10*	10	10	10	10	10	*	5	10	10	2	*
28	10	8	2	0	9	4	*	10	10	10	6	*
29	4	3	3	9	10	3	*	10	10	10	10	*
30	6	9	8	10	10	10	*	7	10	6	2	*
31	10	10	10	10	10	10						
Mean	7·6	7·5	7·2	7·9	8·4	7·2	*6·0*	7·1	7·0	6·0	5·3	*5·3*

* No observations.

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	May, 1912.						June, 1912.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	21 h.
Day.												
1	10	10	10	10	10	10	0	0	0	0	0	0
2	10	10	10	10	5	10	0	0	0	0	0	0
3	10	10	10	9	10	10	0	0	0	0	0	0
4	10	10	10	10	10	0	1	7	7	0	5	0
5	3	10	10	10	5	0	0	0	0	0	0	0
6	0	4	1	0	0	1	0	5	5	5	0	5
7	0	0	0	1	0	0	0	0	0	0	10	10
8	0	1	0	2	10	10	10	10	10	10	10	10
9	10	8	10	10	4	3	10	10	10	10	10	10
10	2	0	0	0	0	0	10	10	10	10	7	10
11	0	0	2	0	0	0	10	10	10	10	10	10
12	0	2	0	0	0	0	10	10	10	10	5	5
13	0	0	0	0	0	0	10	10	10	10	10	10
14	7	3	8	10	10	8	10	10	0	7	10	10
15	10	4	4	10	0	0	10	10	10	10	0	0
16	0	0	0	3	4	8	0	0	0	0	0	0
17	5	4	6	3	2	8	5	10	10	0	0	0
18	1	7	8	8	7	4	0	5	7	0	0	0
19	2	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	2	0	0	0	0	5	10	10	10
21	0	0	2	0	0	0	10	10	10	5	5	4
22	2	0	4	0	0	0	0	4	0	0	0	0
23	4	10	10	10	10	10	10	0	0	0	10	10
24	10	10	10	10	0	0	10	10	10	10	10	10
25	0	0	3	0	1	0	10	5	0	5	10	10
26	0	0	0	0	0	7	10	10	10	10	10	10
27	10	10	10	1	10	10	10	10	10	10	10	10
28	10	3	2	2	5	10	10	10	10	0	0	10
29	10	8	3	5	10	8	10	10	10	10	10	10
30	4	10	9	10	10	10	6	10	10	10	10	10
31	0	0	0	0	0	0						
Mean	4·3	4·3	4·6	4·5	4·0	1·1	5·7	6·2	5·8	5·1	5·4	5·8

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	July, 1912.						August, 1912.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	21 h.
Day.												
1	*10*	10	10	10	10	10	0	0	0	0	0	1
2	10	10	10	10	10	10	0	0	0	0	0	2
3	5	10	10	10	10	10	2	10	0	5	10	10
4	10	10	10	10	10	10	0	5	0	5	5	10
5	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	0	0	0	10	10	10	10	10	10
8	2	8	10	10	10	10	10	10	10	10	10	0
9	10	10	10	10	8	7	0	4	4	1	5	0
10	*6*	5	10	10	10	10	0	10	10	10	0	0
11	10	10	10	10	10	0	0	5	10	10	10	10
12	0	5	10	10	0	0	10	0	0	10	10	10
13	0	5	0	10	10	10	0	0	10	10	10	0
14	10	10	10	0	0	0	0	10	10	10	10	10
15	10	10	10	10	0	0	10	10	10	10	3	5
16	0	0	0	0	0	0	2	8	10	10	10	3
17	0	0	10	0	10	10	10	10	10	10	10	*8*
18	10	10	5	0	10	0	*6*	5	3	10	10	10
19	10	10	0	10	4	10	10	10	10	10	10	8
20	10	10	10	10	5	4	5	10	10	10	10	10
21	6	0	10	10	10	3	10	10	10	10	10	10
22	10	10	5	7	10	10	10	10	10	10	10	10
23	10	10	8	0	0	0	10	10	10	0	10	10
24	0	7	5	0	0	0	10	10	10	10	10	10
25	3	0	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	0	10	10	10	10	10	10	10
27	10	10	10	10	10	10	0	10	0	0	10	0
28	10	10	10	10	10	10	10	10	10	10	3	1
29	5	10	10	10	10	10	2	0	10	7	3	0
30	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	0	6	10	10	10	10	10	*10*
Mean	7·3	8·1	8·5	7·6	6·7	6·5	6·0	7·6	7·6	8·0	8·0	6·7

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

Local Time.	September, 1912.						October, 1912.					
	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	*9*	8	3	0	0	0	*10*	10	0	0	5	5
2	3	10	5	0	2	0	5	10	10	10	10	10
3	0	3	0	0	2	0	0	0	0	0	0	0
4	0	3	10	5	4	*5*	1	10	10	10	10	10
5	*10*	10	10	10	10	10	10	10	10	10	10	10
6	10	0	0	0	0	0	10	10	10	10	10	10
7	0	1	1	7	10	0	10	10	10	10	10	10
8	0	0	0	0	0	0	10	10	10	10	*10*	*10*
9	0	0	1	10	2	1	*9*	8	3	7	10	10
10	0	5	7	10	10	10	10	10	10	10	10	10
11	10	8	10	0	10	10	10	10	10	5	5	8
12	*6*	5	10	10	10	10	10	10	5	1	1	*1*
13	10	10	10	10	1	*10*	*2*	3	10	10	10	10
14	*10*	10	10	10	10	8	10	10	10	10	10	10
15	3	10	10	10	10	10	*10*	10	10	7	5	7
16	10	10	10	10	10	10	5	10	10	10	10	10
17	10	10	10	5	10	0	10	10	10	10	10	10
18	0	0	10	10	10	10	10	10	10	10	10	*10*
19	10	10	10	10	10	10	*10*	10	*10*	*10*	*10*	*10*
20	10	10	10	10	10	5	*10*	*10*	*10*	10	10	10
21	10	10	10	10	10	7	10	10	10	10	10	10
22	8	1	1	10	0	9	10	10	5	10	10	10
23	10	10	10	10	0	0	10	8	10	5	5	*3*
24	2	0	0	10	10	1	*2*	1	0	0	10	3
25	1	8	5	0	10	*10*	3	5	5	3	5	3
26	*10*	10	0	0	10	*10*	7	7	5	7	10	10
27	*10*	0	10	10	10	*10*	10	10	7	7	10	3
28	*10*	10	0	0	1	8	*3*	3	0	3	5	7
29	*5*	3	10	10	10	10	9	7	5	2	1	*1*
30	5	10	10	10	10	*10*	*	7	*	*	6	*
31							*	3	*	*	7	*
Mean	6·1	6·2	6·1	6·6	6·9	6·1	7·8	8·3	7·1	7·1	8·0	7·6

* No observations.

TABLE 34. CLOUD AMOUNT—FOUR-HOURLY VALUES.

CAPE EVANS. Scale 0–10.

	November, 1912.						December, 1912.					
Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.
Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.
Day.												
1	*	2	2	1	5	*	*	0	0	0	0	*
2	*	1	*	1	1	*	*	2	*	5	2	*
3	*	3	*	*	8	*	*	0	0	0	0	*
4	*	9	*	7	3	*	*	10	10	10	10	*
5	*	9	*	*	9	*	8	10	10	10	10	*
6	*	0	0	*	1	*	10	10	10	10	10	*
7	*	0	*	*	*	*	*	9	2	4	2	*
8	*	4	*	6	10	*	*	4	*	8	1	*
9	*	3	3	2	3	*	*	0	*	7	0	*
10	*	8	6	6	*	*	*	10	*	*	8	*
11	*	0	*	*	0	*	*	9	*	*	*	*
12	*	2	*	1	1	*	*	1	*	*	*	*
13	*	1	0	*	*	*	*	1	*	*	*	*
14	*	10	10	10	*	*	*	10	*	*	*	*
15	*	0	1	1	*	*	*	7	*	*	*	*
16	*	8	9	10	10	*	*	10	*	*	*	*
17	*	10	10	10	10	*	*	10	*	*	*	*
18	*	10	*	3	8	*	*	10	*	*	*	*
19	*	8	7	*	*	*	*	1	*	*	*	*
20	*	10	*	10	*	*	*	1	*	*	*	*
21	*	7	*	2	0	*	*	1	*	*	*	*
22	*	2	*	*	8	*	*	5	*	*	*	*
23	*	10	*	10	10	*	*	2	*	*	2	*
24	*	5	*	4	5	*	*	2	2	*	0	*
25	*	6	5	5	3	*	*	5	*	9	9	*
26	*	3	*	1	0	*	*	0	0	0	0	*
27	*	0	0	0	0	*	*	0	*	*	0	*
28	*	0	2	6	8	10	*	10	10	*	10	*
29	*	9	10	*	10	*	*	0	0	0	9	*
30	*	10	10	10	10	*	*	10	*	*	*	*
31												
Mean	—	5·0	—	—	—	—	—	5·0	—	—	—	—

* No observations.

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

March, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.									
1	—	1	2	8	9	8	9	9	9
2	—	9	7	3	1	6	8	9	9
3	—	9	7	5	6	6	6	9	9
4	—	6	7	8	7	8	9	9	9
5	—	8	7	5	1	2	3	9	7
6	—	5	3	2	8	2	1	1	1
7	—	4	10	10	10	10	10	10	10
8	—	10	10	9	8	9	9	9	—
9	9	9	9	9	10	10	10	10	
10	9	10	10	10	10	10	10	10	
11	10	10	10	10	10	10	10	10	—
12	—	*10*	10	10	10	10	10	10	10
13	10	10	10	10	10	7	9	9	—
14	10	10	10	10	10	10	10	10	—
15	10	10	10	9	7	9	10	10	—
16	10	10	10	10	10	10	10	10	
17	—	5	9	4	8	5	4	9	—
18	9	7	9	9	9	8	2	0	0
19	1	10	10	10	10	10	10	10	—
20	7	5	3	2	2	3	4	8	—
21	—	7	2	2	5	1	1	1	—
22	8	9	7	6	9	9	10	10	—
23	7	9	10	9	9	7	7	9	—
24	6	3	6	9	9	8	10	10	—
25	9	9	10	10	10	10	10	10	—
26	—	8	9	*9*	9	7	9	7	—
27	6	6	7	7	7	5	2	1	—
28	—	10	*10*	*10*	10	10	10	10	—
29	10	9	7	9	9	9	10	10	—
30	—	9	9	8	1	2	1	1	—
31	9	9	9	9	1	1	1	*1*	
Mean	—	7·9	8·0	7·8	7·7	7·2	7·4	7·8	—

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

APRIL, 1911.

CAPE ADARE. Scale 0–10.

Local Time	6 h.	8 h.	10 h.	12 h	14 h.	16 h.	18 h.	20 h.
Day.								
1	—	9	9	9	9	9	9	9
2	—	9	7	5	5	8	4	5
3	—	8	10	10	8	10	10	10
4	—	10	10	6	10	10	10	10
5	—	10	10	10	10	*10*	10	10
6	—	10	10	10	10	10	10	10
7	10	10	10	9	10	7	3	10
8	—	10	8	9	10	9	10	10
9	5	5	5	3	1	1	1	1
10	1	1	1	1	1	3	3	3
11	1	1	1	1	1	1	7	9
12	9	10	9	5	2	2	1	4
13	—	10	10	7	6	4	9	9
14	—	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	7
16	—	8	3	2	8	9	10	10
17	10	10	10	10	10	10	10	10
18	10	10	10	10	9	5	4	*4*
19	10	10	10	10	9	9	3	1
20	—	1	1	2	2	5	9	9
21	10	10	5	5	5	9	9	10
22	—	9	10	9	10	10	10	9
23	—	5	1	1	1	1	1	1
24	1	1	1	1	1	3	3	1
25	1	3	9	10	8	9	3	3
26	10	10	10	10	*10*	10	10	10
27	10	10	10	10	9	10	10	10
28	—	10	9	9	8	10	8	2
29	5	10	10	10	10	10	6	2
30	—	*3*	3	2	2	2	1	1
Mean	—	7·8	7·4	6·9	6·8	7·2	6·8	6·7

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

May, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	24 h.
Day.												
1	—	—	—	7	6	8	8	9	*6*	2	—	—
2	—	—	—	1	1	1	1	1	1	2	—	—
3	—	—	—	5	5	7	6	8	9	7	—	—
4	—	—	—	3	4	9	8	10	10	3	—	—
5	—	—	—	10	10	9	9	9	9	*9*	—	—
6	—	—	—	10	10	10	10	10	10	10	—	—
7	—	—	—	10	10	10	10	10	10	10	—	—
8	—	—	—	10	10	10	10	10	10	10	—	—
9	—	—	—	10	10	10	10	10	10	10	—	—
10	—	—	—	10	10	10	10	10	10	10	—	—
11	—	—	—	10	10	8	10	10	10	10	—	—
12	—	—	—	4	7	5	5	8	7	8	—	—
13	—	—	—	8	8	3	4	1	10	10	—	—
14	—	—	—	10	10	10	10	10	10	10	—	—
15	—	—	—	10	4	10	10	10	10	10	—	—
16	—	—	—	*10*	10	10	10	10	10	10	—	—
17	*7*	5	3	9	10	10	10	10	8	10	—	—
18	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	5	6	6	8	10	10	10
20	8	10	3	2	5	9	3	3	5	10	9	9
21	—	2	6	1	10	10	10	0	10	10	10	10
22	2	1	1	1	1	1	1	1	1	2	5	10
23	10	10	10	8	8	6	6	2	1	1	2	2
24	2	1	2	4	5	8	4	5	5	1	2	1
25	1	1	1	1	0	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	4	3	2	1	1	0	0	0	0
28	*0*	0	0	0	1	1	1	1	1	1	0	0
29	0	0	0	1	3	1	1	7	2	2	0	1
30	0	0	0	1	0	0	0	0	1	1	0	2
31	2	1	1	1	4	10	5	1	1	1	1	1
Mean	—	—	—	5·8	6·3	6·6	6·1	3·6	6·3	6·1	—	—

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

JUNE, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	24 h.
Day.												
1	1	1	0	1	1	*1*	1	4	3	*6*	9	10
2	10	10	4	10	10	10	10	10	10	10	5	5
3	2	1	1	2	1	0	0	0	0	3	1	1
4	1	2	*3*	3	6	4	10	10	10	10	7	6
5	4	3	8	10	10	10	10	5	1	2	3	2
6	*1*	1	0	1	1	1	1	0	0	0	0	0
7	0	0	0	2	2	3	3	0	1	9	10	5
8	*0*	*0*	0	0	1	3	1	0	0	1	3	10
9	9	10	10	3	5	5	6	5	10	2	1	4
10	1	1	*2*	1	2	1	0	0	0	0	1	1
11	1	0	1	1	1	1	1	0	0	0	0	0
12	0	0	0	0	1	1	2	8	3	5	3	3
13	1	10	3	0	1	0	1	0	0	5	1	1
14	1	0	1	7	9	3	7	1	0	1	0	0
15	0	0	0	0	0	1	2	2	1	1	0	0
16	0	2	2	5	2	1	2	4	3	9	6	4
17	8	6	1	1	2	10	8	2	2	2	1	1
18	1	0	0	1	4	9	9	7	4	2	2	10
19	2	6	4	10	10	10	10	10	10	8	2	7
20	5	10	10	9	10	10	10	6	3	3	2	1
21	10	10	10	9	9	6	2	2	1	2	1	4
22	2	8	10	6	4	5	1	1	1	2	2	1
23	1	1	0	0	1	2	2	2	2	2	2	2
24	5	1	2	2	5	1	1	0	1	2	2	1
25	1	1	0	1	1	1	*1*	1	1	1	0	0
26	1	1	1	1	2	1	2	1	0	0	0	0
27	2	1	1	0	1	1	0	0	0	0	0	0
28	0	10	10	10	10	10	10	3	1	1	1	0
29	1	1	0	1	3	3	5	2	2	1	5	3
30	3	1	10	10	10	10	10	10	10	10	3	2
Mean	2·5	3·5	3·1	3·6	4·2	4·1	4·3	3·2	2·7	3·4	2·4	2·8

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

JULY, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	24 h.
Day.												
1	2	5	10	10	10	7	9	9	8	3	6	4
2	1	1	0	9	7	6	5	7	10	10	10	10
3	10	10	10	10	10	10	10	7	9	10	7	10
4	7	7	10	10	10	10	6	4	8	9	5	10
5	10	5	10	10	10	10	10	10	10	10	10	10
6	9	10	10	10	10	10	10	10	10	9	9	10
7	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	7	6	6	7	5	3	5	7	10
9	10	5	10	9	9	7	9	10	10	10	10	10
10	10	10	10	9	10	7	7	5	8	10	5	6
11	3	4	3	2	2	1	1	3	3	1	1	1
12	0	0	0	0	1	1	1	5	2	2	0	0
13	10	10	10	10	8	10	8	9	9	4	8	8
14	1	1	5	3	3	1	1	1	1	1	0	1
15	8	10	9	7	5	7	10	10	10	10	10	10
16	4	5	7	10	10	10	10	7	2	7	10	10
17	10	10	1	10	10	10	10	5	3	10	10	2
18	1	1	1	1	1	2	2	10	2	1	1	1
19	1	2	2	5	9	9	10	10	10	2	1	1
20	1	1	3	5	8	8	9	5	2	1	1	1
21	1	9	8	6	2	1	1	1	1	2	4	5
22	5	2	5	2	8	2	3	1	1	1	2	3
23	1	1	1	0	0	0	0	0	0	0	1	1
24	1	0	0	1	1	2	2	2	2	10	10	10
25	3	3	10	1	10	10	7	10	6	2	2	2
26	10	5	8	5	3	2	7	9	3	1	1	0
27	0	0	1	1	1	2	2	2	2	1	1	2
28	1	1	1	8	9	8	10	8	2	1	0	0
29	1	0	1	1	1	2	2	8	2	2	1	1
30	1	1	1	1	1	2	2	3	0	1	1	0
31	0	0	0	1	1	1	1	1	1	0	5	10
Mean	4·6	4·5	5·4	5·6	6·0	5·6	5·9	6·0	4·5	4·7	4·8	5·1

TABLE 35. CLOUD AMOUNT—TWO HOURLY VALUES.

August, 1911.

CAPE ADARE. Scale 0-10.

Local Time.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.								
1	9	9	9	9	1	8	10	10
2	10	10	10	10	10	10	10	10
3	10	10	10	9	9	3	5	5
4	4	8	5	4	*3*	3	6	5
5	9	5	6	7	5	10	10	7
6	6	10	6	2	1	1	1	7
7	10	10	4	1	1	1	10	10
8	10	6	4	3	2	3	5	*3*
9	1	9	9	10	10	10	10	*10*
10	10	10	9	9	*6*	2	9	9
11	2	3	2	2	1	1	2	1
12	1	2	2	1	2	6	5	10
13	10	10	10	10	10	6	2	1
14	1	7	1	1	1	1	*1*	1
15	10	10	10	10	10	10	10	*10*
16	10	7	5	9	10	9	10	8
17	1	3	8	9	9	6	2	10
18	10	10	8	10	10	10	10	10
19	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10
21	2	1	0	1	1	1	0	1
22	1	1	1	2	1	1	1	1
23	1	1	1	6	8	8	10	0
24	4	1	1	1	1	0	0	1
25	9	9	8	9	9	9	1	1
26	9	4	5	4	1	1	1	1
27	10	8	9	8	1	1	1	1
28	9	5	3	6	5	5	5	1
29	10	7	10	8	10	5	10	5
30	7	9	6	3	6	9	10	9
31	8	9	9	10	10	10	10	10
Mean	6·9	6·9	6·2	6·3	5·7	5·5	6·0	5·7

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

SEPTEMBER, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.								
1	10	10	10	10	9	5	1	1
2	8	3	4	9	6	6	2	3
3	9	10	10	10	10	10	10	10
4	6	9	9	9	10	10	10	10
5	10	10	10	10	10	10	10	10
6	8	5	1	0	1	1	1	2
7	5	9	9	9	10	9	10	*9*
8*	9	0	0	0	0	0	0	0
9*	0	0	0	0	1	1	2	5
10*	6	7	8	10	10	10	10	10
11*	10	10	10	10	10	10	10	10
12*	10	10	10	10	8	1	1	1
13	7	9	6	4	1	1	1	0
14	9	10	10	10	10	10	10	10
15	8	10	10	10	9	1	5	7
16	10	10	10	10	10	10	10	*10*
17	10	10	10	7	8	7	1	1
18	4	7	9	10	1	5	6	1
19	8	7	3	9	9	10	10	*9*
20	9	10	10	10	10	10	10	8
21	10	10	10	10	9	7	8	8
22	1	1	1	0	1	2	7	10
23	3	1	3	4	10	10	10	10
24	9	10	9	6	8	4	1	0
25	4	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	8
27	10	10	9	9	9	6	6	3
28	9	9	6	7	7	5	5	7
29	2	2	2	3	3	1	2	2
30	1	5	5	6	6	6	6	5
Mean	7·2	7·5	7·1	7·1	7·3	6·4	6·2	6·0

* Values for these days are taken from the sledging diary.

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

OCTOBER, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.								
1	3	2	1	4	5	5	4	*5*
2	7	10	10	10	10	10	10	10
3	9	9	9	7	6	2	1	*2*
4*	1	3	2	1	0	0	0	0
5*	1	1	2	2	3	3	4	4
6*	9	10	10	9	9	9	9	9
7*	2	10	8	7	5	4	3	3
8*	2	3	4	5	7	10	10	10
9*	1	1	1	4	8	10	10	10
10*	10	1	1	1	1	1	1	1
11*	1	1	1	1	1	1	1	1
12*	3	2	2	6	8	10	10	10
13*	10	10	10	10	10	10	10	10
14	10	*10*	10	*9*	8	*9*	10	7
15	5	4	4	4	2	2	1	8
16	10	10	10	10	10	10	10	*9*
17	7	6	9	10	10	10	10	9
18	6	9	9	9	9	8	8	5
19	10	10	10	10	*10*	10	9	10
20	10	10	10	10	10	10	2	5
21	9	10	*9*	9	10	9	9	9
22	4	2	1	7	3	1	9	9
23	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	7	2
25	10	10	10	10	10	10	10	8
26	1	3	5	6	4	1	1	2
27	1	2	2	1	3	9	10	10
28	9	4	8	8	10	10	8	7
29	8	9	7	4	3	2	1	1
30	9	10	10	10	9	6	2	1
31	0	1	2	1	1	1	1	1
Mean	6·2	6·2	6·4	6·6	6·6	6·5	6·2	6·1

* Values for these days are taken from the sledging diary.

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

NOVEMBER, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.								
1	1	1	1	1	1	1	1	1
2	10	10	10	10	10	10	10	10
3	5	3	2	6	8	6	5	*6*
4	8	8	5	8	8	7	5	5
5	10	10	10	10	10	10	10	9
6	0	1	*1*	*0*	0	0	0	*0*
7	0	0	1	1	2	1	1	1
8	9	9	10	9	10	10	10	*8*
9	5	*5*	*5*	5	7	7	3	2
10	10	10	9	10	10	9	8	*9*
11	10	10	10	10	9	10	10	10
12	7	7	5	9	6	8	1	2
13	5	6	3	2	2	5	4	4
14	5	8	9	8	10	10	10	10
15	10	10	10	10	9	8	9	9
16	10	9	2	1	1	5	9	*9*
17	10	10	9	10	9	9	10	10
18	10	*10*	10	10	7	9	10	*7*
19	3	1	1	2	3	5	4	5
20	1	1	1	1	1	1	1	*1*
21	0	0	0	0	1	1	1	2
22	9	2	5	9	8	10	10	10
23	10	10	10	10	10	10	10	10
24	7	3	8	7	7	9	10	9
25	3	3	3	3	5	6	1	1
26	1	2	3	9	10	8	3	3
27	9	10	9	9	9	7	4	5
28	10	10	9	10	10	10	10	10
29	10	10	9	10	10	10	10	10
30	10	10	10	10	10	10	10	10
Mean	6·6	6·3	6·0	6·7	6·8	7·1	6·4	6·4

TABLE 35. CLOUD AMOUNT—TWO-HOURLY VALUES.

DECEMBER, 1911.

CAPE ADARE. Scale 0–10.

Local Time.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.
Day.								
1	10	10	10	10	10	10	10	10
2	1	2	3	3	2	3	8	8
3	8	9	10	10	7	9	9	7
4	1	3	4	6	2	1	1	2
5	8	9	1	3	1	1	0	1
6	9	5	9	9	10	8	7	3
7	3	2	1	3	2	6	8	7
8	10	10	10	10	10	10	10	10
9	10	9	4	7	8	5	2	4
10	10	10	10	10	10	10	10	10
11	0	0	1	1	10	10	1	1
12	2	2	7	9	10	10	10	8
13	2	2	2	2	2	1	2	1
14	5	5	8	3	10	8	3	8
15	2	3	1	2	2	3	2	2
16	3	4	9	10	10	10	10	10
17	3	1	0	2	1	3	10	10
18	10	10	10	10	10	10	10	2
19	10	10	10	10	10	10	10	10
20	10	10	10	10	4	2	10	10
21	10	10	10	9	10	10	9	7
22	8	9	9	9	7	6	5	8
23	9	9	8	2	6	9	10	10
24	10	10	9	3	1	1	1	4
25	1	1	1	1	3	3	2	2
26	0	0	1	7	9	10	10	9
27	0	1	1	1	2	1	1	1
28	2	0	0	0	1	2	2	2
29	2	2	3	3	8	6	8	6
30	1	1	1	1	1	2	1	1
31	2	4	3	3	1	4	2	4
Mean	5·3	5·3	5·1	5·1	5·9	5·9	5·9	5·7

TABLE 36. CLOUD AMOUNT—MONTHLY VALUES.

FOUR STATIONS.

Scale 0–10.

Station.	Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Hut Point ...	1902	7·1*	5·6	5·5	6·1	5·9	3·4	1·3	5·7	6·0	7·1	5·6	5·2	5·6
„ „ ...	1903	5·1	5·1	5·4	3·4	3·6	4·1	1·9	3·9	1·5	6·2	6·5	3·7	4·5
Cape Evans ...	1911	5·6	7·5	7·8	7·3	5·6	4·6	1·9	5·1	6·2	7·3	6·2	6·1	6·2
„ „ ...	1912	5·3	8·2	7·6	6·1	1·3	5·7	7·1	7·3	6·4	7·7	5·1	5·1	6·1
Cape Adare ...	1899	8·2†	—	7·6	8·1	7·2	5·8	6·2	4·3	6·2	5·2	5·0	7·8	6·5
„ „ ...	1911	5·6	7·7	7·7	7·1	6·2	3·3	5·2	6·1	6·9	6·4	6·5	5·6	6·2
Framheim ...	1911	5·2‡	—	—	7·2	—	—	—	4·5	5·8	7·5	4·3	6·9	—

* 1901. † 1900. ‡ 1912

TABLE 37. CLOUD AMOUNT—DAILY VARIATION.

CAPE EVANS — Scale 0–10

Local Time	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	
Standard Time	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	Mean.
1911.							
January	—	5·6	—	—	—	—	5·6
February	—	7·5	—	—	—	—	7·5
March	7·8	8·0	8·1	7·9	7·4	7·5	7·8
April	7·4	8·6	7·9	6·9	6·8	6·0	7·3
May	4·9	5·9	6·8	6·2	5·3	4·5	5·6
June	3·3	5·5	4·9	4·8	4·7	4·2	4·6
July	4·3	4·8	5·0	5·4	5·5	4·1	4·9
August	4·8	5·8	5·4	5·3	5·3	5·8	5·4
September	6·5	6·2	6·1	7·7	5·7	5·3	6·2
October	7·4	6·7	7·3	8·0	7·4	7·4	7·3
November	5·5	5·7	6·0	7·1	6·9	5·7	6·2
December	6·5	7·2	6·9	6·0	5·2	4·9	6·1
1912.							
January	5·0	4·9	5·0	4·9	5·8	6·3	5·3
February	8·1	8·7	8·8	8·0	7·5	8·2	8·2
March	7·6	7·5	7·2	7·9	8·4	7·2	7·6
April	*6·0*	7·1	7·0	6·0	5·3	*5·3*	6·1
May	4·3	4·3	4·6	4·5	4·0	4·1	4·3
June	5·7	6·2	5·8	5·1	5·4	5·8	5·7
July	7·3	8·1	8·5	7·6	6·7	6·5	7·4
August	6·0	7·6	7·6	8·0	8·0	6·7	7·3
September	6·1	6·2	6·4	6·6	6·9	6·1	6·4
October	7·8	8·3	7·4	7·1	8·0	7·6	7·7
November*		—	—	—	—	—	5·1
December*	—	—	—	—	—	—	5·1

* During November and December, 1912, the observations were taken at irregular intervals.

	Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	
	Standard Time.	4 h.	8 h.	12 h.	16 h.	20 h.	24 h.	Mean.
1911 and 1912.	No. of Months.							
January	1	5·0	4·9	5·0	4·9	5·8	6·3	5·3
February	1	8·1	8·7	8·8	8·0	7·5	8·2	8·2
March	2	7·7	7·8	7·7	7·9	7·9	7·4	7·7
April	2	6·7	7·8	7·5	6·5	6·0	5·7	6·7
May	2	4·6	5·1	5·7	5·4	4·7	4·3	5·0
June	2	4·5	5·9	5·4	5·0	5·0	5·0	5·2
July	2	5·8	6·5	6·7	6·5	6·1	5·3	6·2
August	2	5·4	6·7	6·5	6·7	6·6	6·2	6·4
September	2	6·3	6·2	6·2	7·2	6·3	5·7	6·3
October	2	7·6	7·5	7·3	7·6	7·7	7·5	7·5
November	1	5·5	5·7	6·0	7·1	6·9	5·7	6·2
December	1	6·5	7·2	6·9	6·0	5·2	4·9	6·1
Year	—	6·1	6·7	6·6	6·6	6·3	6·0	6·4

TABLE 37. CLOUD AMOUNT—DAILY VARIATION.

CAPE EVANS. Scale 0–10.

		Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	
		Standard Time.	1 h.	8 h.	12 h.	16 h.	20 h.	24 h.	Mean.
February ...		1912	8·1	8·7	8·8	8·0	7·5	8·2	
March		1911	7·8	8·0	8·1	7·9	7·1	7·5	
		1912	7·6	7·5	7·2	7·9	8·1	7·2	
April		1911	7·4	8·6	7·9	6·9	6·8	6·0	
		1912	*6·0*	7·1	7·0	6·0	5·3	*5·3*	
Autumn ...		... ...	7·5	8·1	8·0	7·5	7·1	7·1	7·5
May		1911	4·9	5·9	6·8	6·2	5·3	4·5	
		1912	4·3	4·3	4·6	4·5	4·0	4·1	
June		1911	3·3	5·5	4·9	4·8	4·7	4·2	
		1912	5·7	6·2	5·8	5·1	5·4	5·8	
July		1911	4·3	4·8	5·0	5·4	5·5	4·1	
		1912	7·3	8·1	8·5	7·6	6·7	6·5	
Winter ...		... ...	5·0	5·8	5·9	5·6	5·3	1·9	5·4
August		1911	4·8	5·8	5·1	5·3	5·3	5·8	
		1912	6·0	7·6	7·6	8·0	8·0	6·7	
September ...		1911	6·5	6·2	6·1	7·7	5·7	5·3	
		1912	6·1	6·2	6·4	6·6	6·9	6·1	
October ...		1911	7·4	6·7	7·3	8·0	7·4	7·1	
		1912	7·8	8·3	7·4	7·1	8·0	7·6	
Spring		... ...	6·4	6·8	6·7	7·2	6·9	6·5	6·7
November ...		1911	5·5	5·7	6·0	7·1	5·9	5·7	
December ...		1911	6·5	7·2	6·9	6·0	5·2	1·9	
January ...		1912	5·0	1·9	5·0	4·9	5 5	6·3	
Summer ...		... ...	5·7	5·9	6·0	6·0	6·0	5·6	5·9

TABLE 38. CLOUD AMOUNT—DAILY VARIATION.

HUT POINT. Scale 0-10.

Local Time	2h.	4h.	6h.	8h.	10h.	12h.	14h.	16h.	18h.	20h.	22h.	24h.	Mean.
1902													
February ..	5·2	5·9	5·1	5·1	4·2	5·0	6·2	6·7	6·0	5·6	6·1	6·1	5·6
March	5·6	5·1	4·8	4·8	5·2	5·5	4·1	5·0	5·8	6·6	6·2	6·5	5·5
April	6·1	5·8	6·8	7·6	7·3	6·7	7·0	6·1	4·9	5·2	4·7	4·3	6·1
May	5·9	4·9	6·2	6·9	6·1	6·9	7·1	6·1	5·0	4·1	4·9	5·6	5·9
June	3·9	4·1	3·0	4·0	3·1	3·5	3·5	3·5	2·2	2·7	3·8	3·1	3·1
July	3·9	4·3	4·2	4·1	4·3	4·7	5·1	4·3	4·4	4·1	4·2	3·5	4·3
August	5·2	4·8	4·8	7 0	6·3	6·1	5·6	6·6	6·0	5·2	5·6	5·7	5·7
September	4·2	6·1	6·9	6·6	6·3	6·5	7·1	6·8	6·3	5·6	5·2	4·5	6·0
October	7·6	7·1	7·6	7·0	6·8	7·0	6·9	6·7	6·6	7·5	7·1	6·9	7·1
November	6·3	5·9	4·9	5·1	5·3	6·0	5·9	5·7	5·5	5·0	5·3	5·7	5·6
December	6·0	6·1	5·7	5·5	4·9	4·1	4·7	4·6	5·1	5·1	5·5	5·3	5·2
1903													
January	5·8	5·6	5·7	6·2	5·2	5·7	5·3	5·5	4·8	4·7	5·0	5·1	5·4
February	5·5	4·9	5·1	5·6	4·8	4·9	5·8	5·4	4·8	4·5	5·0	5·3	5·1
March	4·8	6·0	5·7	5·8	4·9	4·6	5·1	6·1	5·9	5·5	5·3	4·5	5·4
April	2·2	2·9	3·9	4·0	3·2	3·7	4·6	4·1	4·3	2·7	3·2	2·3	3·4
May	3·3	3·3	3·5	3·3	3·8	3·6	3·5	2·9	4·0	4·0	3·9	4·3	3·6
June	4·1	3·8	3·4	3·2	3·2	4·1	4·5	4·7	4·8	4·4	4·3	4·4	4·1
July	1·5	2·2	1·6	1·8	2·0	2·4	2·5	2·3	2·0	1·1	1·6	1·7	1·9
August	4·3	3·4	3·6	4·6	4·1	3·9	3·7	4·0	3·4	4·1	3·6	4·1	3·9
September	3·5	3·8	5·2	4·6	4·6	5·1	5·1	5·4	5·2	4·2	3·6	3·9	4·5
October	5·9	5·8	5·9	6·0	6·1	6·3	6·5	6·6	6·7	6·3	6·0	6·5	6·2

Local Time.		2h.	4h.	6h.	8h.	10h.	12h.	14h.	16h.	18h.	20h.	22h.	24h.	Mean.
1902 and 1903.	No. of Months													
January	1	5·8	5·6	5·7	6·2	5·2	5·7	5·3	5·5	4·8	4·7	5·0	5·1	5·4
February	2	5·4	5·3	5·1	5·4	4·5	4·9	6·0	5·9	5·2	5·0	5·5	5·6	5·3
March	2	5·2	5·7	5·3	5·3	5·0	5·1	4·8	5·5	5·9	6·0	5·8	5·5	5·4
April	2	4·3	4·3	5·1	5·8	5·3	5·2	5·8	5·1	4·6	4·0	3·9	3·3	4·8
May	2	4·6	4·1	4·8	5·1	5·0	5·2	5·3	4·7	4·5	4·2	4·4	5·0	4·7
June	2	4·0	4·0	3·2	3·6	3·3	3·8	4·0	4·1	3·5	3·6	4·0	3·8	3·7
July	2	2·7	3·3	2·9	3·1	3·2	3·5	4·0	3·3	3·2	2·7	2·9	2·6	3·1
August	2	4·7	4·1	4·2	5·8	5·2	5·1	4·7	5·1	4·7	4·6	4·6	4·9	4·8
September	2	3·8	5·0	6·0	5·6	5·5	5·8	6·2	6·1	5·8	4·9	4·4	4·2	5·3
October	2	6·7	6·6	6·8	6·5	6·5	6·6	6·7	6·7	6·7	6·9	6·6	6·7	6·7
November	1	6·3	5·9	4·9	5·4	5·3	6·0	5·9	5·7	5·5	5·0	5·3	5·7	5·6
December	1	6·0	6·1	5·7	5·5	4·9	4·4	4·7	4·6	5·1	5·1	5·5	5·3	5·2
Year		5·0	5·0	5·0	5·3	4·9	5·1	5·3	5·2	5·0	4·7	4·8	4·8	5·0

TABLE 38. CLOUD AMOUNT—DAILY VARIATION.

HUT POINT. Scale 0–10.

Local Time.		2h.	4h.	6h.	8h.	10h.	12h.	14h.	16h.	18h.	20h.	22h.	24h.	Mean.
February	1902	5·2	5·9	5·1	5·1	4·2	5·0	6·2	6·7	6·0	5·6	6·1	6·1	
	1903	5·5	4·9	5·1	5·6	4·8	4·9	5·8	5·4	4·8	4·5	5·0	5·3	
March	1902	5·6	5·4	4·8	4·8	5·2	5·5	4·4	5·0	5·8	6·6	6·2	6·5	
	1903	4·8	6·0	5·7	5·8	4·9	4·6	5·1	6·1	5·9	5·5	5·3	4·5	
April	1902	6·4	5·8	6·8	7·6	7·3	6·7	7·0	6·1	4·9	5·2	4·7	4·3	
	1903	2·2	2·9	3·9	4·0	3·2	3·7	4·6	4·1	4·3	2·7	3·2	2·3	
AUTUMN		5·0	5·2	5·2	5·5	4·9	5·4	5·5	5·6	5·3	5·0	5·1	4·8	5·2
May	1902	5·9	4·9	6·2	6·9	6·4	6·9	7·1	6·4	5·0	4·4	4·9	5·6	
	1903	3·3	3·3	3·5	3·3	3·8	3·6	3·5	2·9	4·0	4·0	3·9	4·3	
June	1902	3·9	4·1	3·0	4·0	3·1	3·5	3·5	3·5	2·2	2·7	3·8	3·4	
	1903	4·1	3·8	3·4	3·2	3·2	4·1	4·5	4·7	4·8	4·4	4·3	4·4	
July	1902	3·9	4·3	4·2	4·4	4·3	4·7	5·1	4·3	4·4	4·1	4·2	3·5	
	1903	1·5	2·2	1·6	1·8	2·0	2·1	2·5	2·3	2·0	1·1	1·6	1·7	
WINTER		3·8	3·8	3·6	3·9	3·8	4·2	4·4	4·0	3·7	3·5	3·8	3·8	3·9
August	1902	5·2	4·8	4·8	7·0	6·3	6·4	5·6	6·2	6·0	5·2	5·6	5·7	
	1903	4·3	3·4	3·6	4·6	4·1	3·9	3·7	4·0	3·4	4·1	3·6	4·4	
September	1902	4·2	6·4	6·9	6·6	6·3	6·5	7·4	6·8	6·3	5·6	5·2	4·5	
	1903	3·5	3·8	5·2	4·6	4·6	5·1	5·4	5·4	5·2	4·2	3·6	3·9	
October	1902	7·6	7·4	7·6	7·0	6·8	7·0	6·9	6·7	6·6	7·5	7·4	6·9	
	1903	5·9	5·8	5·9	6·0	6·1	6·3	6·5	6·6	6·7	6·3	6·0	6·5	
SPRING		5·4	5·2	5·7	6·0	5·7	5·9	5·9	6·0	5·7	5·5	5·2	5·3	5·6
November	1902	6·3	5·9	4·9	5·4	5·3	6·0	5·9	5·7	5·5	5·0	5·3	5·7	
December	1902	6·0	6·4	5·7	5·5	4·9	4·4	4·7	4·6	5·4	5·4	5·5	5·3	
January	1903	5·8	5·6	5·7	6·2	5·2	5·7	5·3	5·5	4·8	4·7	5·0	5·4	
SUMMER		6·0	5·9	5·4	5·7	5·4	5·4	5·3	5·3	5·4	4·9	5·3	5·4	5·4

TABLE 39. CLOUD—DAILY VARIATION.

HUT POINT AND CAPE EVANS 1902, 1903, 1911, 1912. Scale 0–10.

Local Time.		3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	Mean.
January ...	H.P. ...	5·70	5·95	5·45	5·40	4·75	5·05	
	C.E. ...	5·0	4·9	5·0	4·9	5·8	6·3	
	Mean ...	5·35	5·42	5·22	5·15	5·28	5·68	5·35
February ...	H.P. ...	5·35	5·25	4·70	5·95	5·10	5·55	
	C.E. ...	8·1	8·7	8·8	8·0	7·5	8·2	
	Mean ...	6·72	6·98	6·75	6·98	6·30	6·88	6·77
March ...	H.P. ...	5·45	5·30	5·05	5·15	5·95	5·65	
	C.E. ...	7·7	7·8	7·7	7·9	7·9	7·4	
	Mean ...	6·58	6·55	6·38	6·52	6·92	6·52	6·58
April	H.P. ...	4·30	5·60	5·25	5·45	4·30	3·60	
	C.E. ...	6·7	7·8	7·5	6·5	6·0	5·7	
	Mean ...	5·50	6·70	6·38	5·98	5·15	4·65	5·73
May	H.P. ...	4·35	4·95	5·10	5·00	4·35	4·70	
	C.E. ...	4·6	5·1	5·7	5·4	4·7	4·3	
	Mean ...	4·48	5·02	5·40	5·20	4·52	4·50	4·85
June	H.P. ...	4·00	3·40	3·55	4·05	3·55	3·90	
	C.E. ...	4·5	5·9	5·4	5·0	5·0	5·0	
	Mean ...	4·25	4·65	4·48	4·52	4·28	4·45	4·44
July	H.P. ...	3·00	3·00	3·35	3·65	2·95	2·75	
	C.E. ...	5·8	6·5	6·7	6·5	6·1	5·3	
	Mean ...	4·40	4·75	5·02	5·08	4·52	4·02	4·63
August ...	H.P. ...	4·40	5·00	5·15	4·90	4·65	4·75	
	C.E. ...	5·4	6·7	6·5	6·7	6·6	6·2	
	Mean ...	4·90	5·85	5·82	5·80	5·62	5·48	5·58
September ...	H.P. ...	4·40	5·80	5·65	6·15	5·35	4·30	
	C.E. ...	6·3	6·2	6·2	7·2	6·3	5·7	
	Mean ...	5·35	6·00	5·92	6·68	5·82	5·00	5·80
October ...	H.P. ...	6·65	6·65	6·55	6·70	6·80	6·65	
	C.E. ...	7·6	7·5	7·3	7·6	7·7	7·5	
	Mean ...	7·12	7·08	6·92	7·15	7·25	7·08	7·10
November ...	H.P. ...	6·10	5·15	5·65	5·80	5·25	5·50	
	C.E. ...	5·5	5·7	6·0	7·1	6·9	5·7	
	Mean ...	5·80	5·42	5·82	6·45	6·08	5·60	5·86
December ...	H.P. ...	6·05	5·60	4·65	4·65	5·10	5·40	
	C.E. ...	6·5	7·2	6·9	6·0	5·2	4·9	
	Mean ...	6·28	6·40	5·78	5·32	5·15	5·15	5·68

TABLE 39. CLOUD—DAILY VARIATION—*continued.*

HUT POINT AND CAPE EVANS. 1902, 1903, 1911, 1912. Scale 0–10.

Local Time.	3 h.	7 h.	11 h.	15 h.	19 h.	23 h.	Mean.
Seasons.							
February ... March ... ... April ... ... } Autumn ...	6·27	6·74	6·50	6·19	6·12	6·02	6·36
May ... ... June ... ... July ... ... } Winter ...	4·38	4·81	4·97	4·93	4·44	4·32	4·64
August ... ... September ... October ... } Spring ...	5·79	6·31	6·22	6·54	6·23	5·85	6·16
November ... December ... January ... } Summer ...	5·81	5·75	5·61	5·64	5·50	5·48	5·63
Year	5·56	5·90	5·82	5·90	5·57	5·42	5·70

NOTE.—In the above table equal weight has been given to the values in Tables 37 and 38. At Hut Point the values for odd hours have been taken from the mean of two adjacent even hours.

TABLE 40. CLOUD AMOUNT—DAILY VARIATION.

CAPE ADARE. Scale 0–10.

Local Time.	2	4	6	8	10	12	14	16	18	20	22	24	Mean.
1911.													
March	—	—	—	7·9	8·0	7·8	7·7	7·2	7·1	7·8	—	—	7·7
April	—	—	—	7·9	7·1	6·9	6·8	7·2	6·8	6·7	—	—	7·1
May	—	—	—	5·8	6·3	6·6	6·1	6·3	6·3	6·1	—	—	6·2
June	2·5	3·5	3·1	3·6	4·2	4·1	4·3	3·2	2·7	3·1	2·4	2·8	3·3
July	4·6	4·5	5·4	5·6	6·0	5·6	5·9	6·0	4·5	4·7	4·8	5·1	5·2
August	—	—	—	6·9	6·9	6·2	6·3	5·7	5·5	6·0	5·7	—	6·1
September	—	—	—	7·2	7·5	7·1	7·4	7·3	6·1	6·2	6·0	—	6·9
October	—	—	—	6·2	6·2	6·1	6·6	6 6	6·5	6·2	6·1	—	6·4
November	—	—	—	6·6	6·3	6·0	6·7	6 8	7·1	6·1	6·4	—	6·5
December	—	—	—	5·3	5·3	5·1	5·1	5·9	5·9	5·9	5·7	—	5·6

TABLE II. CLOUD—FREQUENCY OF AMOUNTS.

CAPE EVANS. Percentages.

Cloud Amount Scale 0—10	0	1	2	3	4	5	6	7	8	9	10
1911.											
March	0·0	1·5	1·8	6·5	2·2	7·5	0·5	6·5	6·5	10·2	50·5
April	8·9	7·2	5·6	5·0	0·6	3·3	1·1	1·1	5·6	2·8	58·6
May	25·3	1·3	4·8	5·9	5·1	2·2	2·2	3·2	2·2	2·2	42·5
June	38·9	7·2	2·8	2·2	3·3	1·7	1·1	3·3	3·9	2·2	33·3
July	31·9	5·9	1·3	1·3	0·5	1·8	1·1	4·3	0·5	0·5	38·7
August	27·4	5·4	7·5	3·8	1·6	1·3	0·5	3·8	2·2	1·1	42·5
September	15·6	6·7	5·6	3·3	1·4	3·3	1·7	7·8	7·8	4·4	39·4
October	5·9	6·5	5·4	2·2	1·8	4·8	1·6	5·4	5·1	3·8	54·3
November	17·3	5·6	1·4	1·7	3·9	4·4	3·3	7·2	11·1	12·2	28·9
December	15·6	8·6	3·2	2·7	3·2	5·4	1·6	4·8	17·2	10·2	27·5
1912.											
January	18·3	9·1	7·5	5·9	2·7	7·0	1·6	6·5	6·5	11·8	23·1
February	2·1	4·2	0·7	3·5	1·4	2·8	2·8	7·0	9·0	16·7	50·0
March	9·1	1·6	3·8	3·8	2·7	3·8	2·7	2·7	5·9	9·1	51·8
April	13·5	5·0	7·8	4·3	3·6	4·3	4·3	4·3	4·3	5·0	44·0
May	39·8	2·7	5·9	4·3	6·5	2·7	0·5	2·2	1·8	1·1	29·6
June	37·2	0·6	0·0	0·0	1·1	7·8	0·6	2·8	0·0	0·0	50·0
July	19·9	0·0	0·5	1·1	1·1	4·8	1·6	1·6	1·6	0·0	67·7
August	17·7	1·6	2·2	2·7	1·1	4·8	0·5	0·5	1·6	0·0	67·2
September	22·8	1·4	2·2	3·3	1·7	5·6	0·6	1·7	3·3	1·1	53·3
October	6·3	4·0	1·7	6·3	0·0	9·8	0·0	5·8	1·7	1·2	63·2

Cloud Amount Scale 0—10.		0	1	2	3	4	5	6	7	8	9	10
1911 and 1912.	No. of Months.											
January ...	1	18·3	9·1	7·5	5·9	2·7	7·0	1·6	6·5	6·5	11·8	23·1
February ...	1	2·1	4·2	0·7	3·5	1·4	2·8	2·8	7·0	9·0	16·7	50·0
March ...	2	4·6	3·2	4·3	5·2	2·5	5·6	1·6	4·6	6·2	9·6	52·6
April... ...	2	11·1	6·1	6·7	1·6	2·2	3·8	2·7	2·7	4·9	3·9	51·3
May	2	32·5	3·5	5·3	5·1	6·0	2·4	1·4	2·7	3·5	1·6	36·0
June ...	2	38·1	3·9	1·4	1·1	2·2	4·8	0·8	3·0	2·0	1·1	41·6
July	2	27·4	3·0	2·4	2·7	0·8	4·8	1·4	3·0	1·1	0·2	53·2
August ...	2	22·6	3·5	4·9	3·2	1·4	4·5	0·5	2·2	1·9	0·5	54·8
September ...	2	19·2	5·5	3·9	3·3	3·0	4·1	1·2	4·8	5·5	2·8	46·1
October ...	2	6·1	5·2	3·6	4·2	2·4	7·3	0·8	5·6	3·5	2·5	58·8
November ...	1	17·3	5·6	4·1	1·7	3·9	4·4	3·3	7·2	11·1	12·2	28·9
December ...	1	15·6	8·6	3·2	2·7	3·2	5·1	1·6	4·8	17·2	10·2	27·5
Year ...	—	17·9	5·1	4·0	3·6	2·6	4·8	1·6	4·5	6·0	6·2	43·7

TABLE 42. CLOUD—FREQUENCY OF AMOUNTS.

HUT POINT AND CAPE EVANS — Percentages.

	Hut Point.			Cape Evans.		
	1902 and 1903 combined.			1911 and 1912 combined.		
Cloud Amount	b.	c.	o.	0—1	2—8	9—10
January ...	22	21	57	27·1	37·7	34·9
February ...	32	21	11	6·3	27·2	66·7
March	37	17	46	7·8	30·0	62·2
April	46	22	32	17·2	27·6	55·2
May	45	15	10	36·0	26·4	37·6
June	58	9	33	12·0	15·3	12·7
July	55	17	28	30·4	16·2	53·4
August	42	17	41	26·1	18·6	55·3
September ...	33	21	13	24·7	26·4	19·2
October	20	22	58	11·3	27·4	61·3
November ...	21	27	52	22·9	36·0	41·1
December ...	42	22	36	24·2	38·4	37·7
Year	38	20	42	23·0	27·1	49·9

TABLE 43. CLOUD—FREQUENCY OF AMOUNTS.

CAPE ADARE. — Percentages.

Cloud Amount Scale 0—10.	0	1	2	3	4	5	6	7	8	9	10
1911.											
March	0·4	6·6	4·5	2·5	2·5	3·3	4·1	8·6	6·2	23·9	37·0
April	0·0	15·1	4·4	6·2	2·2	6·2	1·1	2·2	1·0	11·3	41·0
May	15 1	16·8	5·8	3·1	3·1	4·8	2·7	2·1	5·1	1·1	37·0
June	20·3	26·7	13·6	6·9	1·2	4·1	2·8	1·1	1·7	2·8	15·3
July	7·8	22·1	10·8	4·6	1·6	6·2	2·2	5·4	1·6	5·6	29·3
August	2·0	21·0	5·7	4·0	3·2	6·1	5·2	2·8	4·8	12·1	32·7
September	6·2	10·3	3·7	3·3	3·3	4·9	5·8	4·9	4·9	11·9	10·7
October	2·0	15·9	8·8	4·8	6·0	3·6	2·4	4·0	5·2	12·8	31·7
November	5·0	13·3	4·6	5·4	2·5	7·9	2·5	4·6	5·8	12·9	35·1
December	3·9	15·2	11·1	8·6	3·1	2·3	2·3	3·5	6·6	8·2	30·1
Mean	5·5	15·4	7·9	5·0	3·1	4·6	3·2	4·3	5·1	11·7	33·6

TABLE 44. SUNSHINE.

January, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
12	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0†	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	—	—	8·8
13	—	—	—	0·7	1·0	0·9	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	17·8
14	—	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	0·9	1·0	0·9	1·0	1·0	1·0	1·0	0·7	0·3	12·4
15	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	0·7	0·6	23·0
16	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·3	0·4	0·1	0·1	0·1	0·6	0·3	—	—	15·7
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	0·1	—	0·2
18	0·2	—	0·7	1·0	0·7	0·5	0·6	1·0	1·0	0·8	0·4	0·6	0·5	0·1	—	—	—	—	—	—	—	—	—	—	8·1
19	—	—	0·3	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0·3
20	*	*	*	*	*	*	*	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	16·9
21	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·9	0·6	0·6	—	—	—	19·9
22	0·1	0·1	—	0·5	—	—	—	—	—	0·1	0·2	—	—	0·5	0·9	1·0	—	0·6	0·9	1·0	1·0	1·0	0·9	1·0	9·8
23	0·8	0·7	0·8	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·8	1·0	—	21·8
24	0·3	1·0	1·0	1·0	1·0	1·0	0·8	0·4	0·3	—	—	0·1	—	—	—	—	—	—	—	—	—	—	0·1	0·4	7·4
25	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	23·8
26	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
27	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	0·1	0·4	0·3	—	—	—	—	—	—	—	—	—	—	—	10·2
28	—	—	0·2	0·9	0·1	0·3	—	—	—	—	—	—	—	—	—	—	—	0·9	0·8	0·3	0·7	0·8	1·0	0·9	6·9
29	0·1	0·8	—	—	—	—	—	—	—	—	—	—	—	—	0·7	1·0	1·0	0·9	0·8	0·3	0·8	0·4	0·7	0·3	7·8
30	0·6	0·3	0·7	0·6	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	22·1
31	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	0·1	0·5	0·8	0·7	1·0	1·0	1·0	1·0	0·8	0·6	0·2	0·1	0·2	0·1	—	—	15·7
Total	7·9	9·9	10·7	12·5	11·7	11·7	11·3	12·0	11·4	10·8	11·1	11·8	11·8	12·6	13·3	13·2	12·3	12·5	12·7	11·4	12·8	10·5	9·2	7·5	272·6

* No record. † Record began.

TABLE 44. SUNSHINE.

February, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	0·4	1·0	1·0	0·8	—	—	0·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·4	0·2	3·9
2	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·3	—	—	—	—	—	—	16·3
3	—	—	—	—	—	—	0·3	1·0	1·0	0·4	0·1	0·1	0·1	—	—	—	—	0·1	—	—	—	—	—	0·1	3·2
4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	—	—	—	—	—	11·5
5	—	—	—	—	—	—	—	—	—	—	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3
6	—	—	—	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	?
7	*	*	*	*	*	*	*	*	*	*	0·8	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·4	12·9
8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·8	0·9	0·2	0·4	0·6	1·0	1·0	0·4	0·4	0·9	—	—	18·5
9	—	—	—	—	1·0	0·8	0·9	0·4	1·0	0·2	—	—	0·3	0·5	—	—	—	—	—	—	—	—	—	—	5·1
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·5	0·8	—	—	—	1·3
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3	1·0	1·0	0·4	—	—	—	—	—	2·7
13	—	—	0·3	0·9	0·8	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	—	—	18·8
14	—	—	—	—	—	—	—	—	—	—	—	0·3	0·1	—	—	0·1	—	—	—	—	0·5	0·7	—	—	1·7
15	—	—	—	0·8	1·0	0·9	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2·9
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3	0·1	0·8	1·0	—	—	—	—	2·2
17	—	—	—	—	—	—	—	0·3	1·0	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·6
18	—	—	—	—	—	—	0·1	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·4
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
21	—	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	12·5
22	—	—	—	—	0·2	0·2	—	0·3	0·6	—	—	0·6	—	—	—	—	—	—	—	—	—	—	—	—	1·9
23	—	—	—	—	—	—	—	—	0·4	0·7	1·0	0·4	0·4	—	—	—	—	—	—	—	—	—	—	—	2·9
24	—	—	—	—	—	—	0·6†	0·9	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·7
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
26	—	—	—	—	—	—	—	—	—	0·3	0·8	—	—	0·2	0·3	0·5	—	—	—	—	—	—	—	—	2·1
27	—	—	—	—	—	—	—	—	—	0·1	0·3	0·2	—	—	—	—	—	—	—	—	—	—	—	—	0·6
28	—	—	—	—	—	—	0·4†	0·2	0·1	0·7	0·9	0·5	—	—	—	—	—	—	—	—	—	—	—	—	2·8
Total	2·6	4·0	4·3	5·5	6·0	5·9	7·6	8·4	9·3	7·7	9·2	7·3	5·7	5·6	4·5	5·3	5·7	5·5	4·5	3·9	3·7	3·5	1·4	0·7	127·8

* No record.

† Sun was shining previously, but ball was frosted.

TABLE 44. SUNSHINE.

March, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1 2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23 24	Day.
Day.																									Day.
1	—	—	—	—	—	—	—	—	—	0·1	0·2	0·4	0·2	0·1	0·5	0·6	—	—	—	—	—	—	—	—	2·1†
2	—	—	—	—	0·3	0·1	—	—	—	—	—	0·4	0·1	—	—	—	—	—	—	—	—	—	—	—	0·9
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
4	—	—	—	—	—	0·2	0·1	—	—	—	0·5	—	—	—	0·1	—	0·6	0·6	0·3	—	—	—	—	—	2·4
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
6	—	—	—	—	—	—	—	—	0·1	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·5	—	—	—	—	—	9·0
7	—	—	—	—	0·8	0·9	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	0·1	—	—	—	—	—	12·1
8	—	—	—	—	0·2	1·0	1·0	1·0	0·9	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·3	—	—	—	—	—	12·7
9	—	—	—	—	—	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·5	1·0	1·0	0·6	0·3	—	—	—	—	—	11·2
10	—	—	—	—	—	—	—	—	—	—	—	1·0	1·0	0·7	0·6	—	—	—	—	—	—	—	—	—	3·3
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
13	—	—	—	—	—	—	—	—	—	—	—	—	0·3	0·2	0·8	—	—	—	—	—	—	—	—	—	1·3
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·5	0·5	—	—	—	—	—	—	1·0
15	—	—	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	—	—	—	—	—	8·9
16	—	—	—	—	—	—	0·4	0·3	1·0	1·0	1·0	1·0	0·4	1·0	1·0	0·8	1·0	0·1	—	—	—	—	—	—	9·0
17	—	—	—	—	—	—	—	—	—	—	0·9	1·0	0·4	—	—	0·7	0·2	—	—	—	—	—	—	—	3·2
18	—	—	—	—	—	—	—	—	—	—	—	—	0·1	0·1	0·6	—	—	—	—	—	—	—	—	—	0·8
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
23	—	—	—	—	—	—	—	—	0·2	—	—	—	—	—	—	0·2	0·1	—	—	—	—	—	—	—	0·5
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
26	—	—	—	—	—	—	—	—	0·4	1·0	0·8	0·1	0·7	0·8	1·0	0·1	—	—	—	—	—	—	—	—	4·9
27	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
30	—	—	—	—	—	—	—	—	—	—	—	—	0·1	1·0	0·3	—	0·1	—	—	—	—	—	—	—	1·5
31	—	—	—	—	—	—	—	—	0·1	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3
Total	—	—	—	—	1·3	2·3	3·3	3·3	5·1	6·6	8·4	8·9	8·3	8·6	9·4	7·4	7·0	3·8	1·5	—	—	—	—	—	85·2

† Doubtful—ball found to be frosted in morning.

* Card with record from 7 hours, 20th, to 7 hours, 21st, was blown away on removal from the instrument. "There were a few hours sunshine on it."

TABLE 44. SUNSHINE.

CAPE EVANS. — APRIL, 1911. — Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									Day.
1	—	—	—	—	—	—	—	—	—	0·6	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	0·9
2	—	—	—	—	—	—	—	—	—	—	—	0·8	—	—	—	—	—	—	—	—	—	—	—	—	0·8
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
5	—	—	—	—	—	—	—	—	—	—	0·4	1·0	0·9	0·8	1·0	0·4	—	—	—	—	—	—	—	—	4·5
6	—	—	—	—	—	—	—	—	—	0·4	1·0	1·0	1·0	0·6	1·0	0·7	—	—	—	—	—	—	—	—	5·7
7	—	—	—	—	—	—	—	—	—	—	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
9	—	—	—	—	—	—	—	—	—	—	0·1	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	—	4·4
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	0·3	—	—	—	—	—	—	—	—	0·4
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
19	—	—	—	—	—	—	—	—	—	—	—	—	0·2	0·1	—	—	—	—	—	—	—	—	—	—	0·3
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25							Sun	does	not	rise	after	April	24th.												
Total ...	—	—	—	—	—	—	—	—	—	1·0	2·1	3·8	3·1	2·5	3·1	1·7	—	—	—	—	—	—	—	—	17·3

CAPE EVANS. — AUGUST, 1911. — Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.							Sun	returns	for	first	time	on	August	21st.											
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
28	—	—	—	—	—	—	—	—	—	—	—	0·1	0·9	0·7	—	—	—	—	—	—	—	—	—	—	1·7
29	—	—	—	—	—	—	—	—	—	—	—	0·6	1·0	—	—	—	—	—	—	—	—	—	—	—	1·6
30	—	—	—	—	—	—	—	—	—	—	0·2	1·0	1·0	1·0	0·2	—	—	—	—	—	—	—	—	—	3·4
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
Total	—	—	—	—	—	—	—	—	—	—	0·2	1·7	2·9	1·7	0·2	—	—	—	—	—	—	—	—	—	6·7

* "Sun shone for some time in afternoon," but was not strong enough to burn card.

TABLE 44. SUNSHINE.

September, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	—	—	—	—	—	0·4	0·6	—	—	—	—	—	—	—	—	—	—	—	1·0
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
5	—	—	—	—	—	—	—	—	—	—	0·9	1·0	1·0	0·7	—	0·3	—	—	—	—	—	—	—	—	3·9
6	—	—	—	—	—	—	—	—	—	—	0·4	0·7	0·3	0·1	—	—	—	—	—	—	—	—	—	—	1·5
7	—	—	—	—	—	—	—	—	—	—	0·1	0·7	—	—	—	—	—	—	—	—	—	—	—	—	0·8
8	—	—	—	—	—	—	—	—	—	—	0·6	0·5	—	—	—	—	—	—	—	—	—	—	—	—	1·1
9	—	—	—	—	—	—	—	—	—	0·2	0·4	0·3	1·0	0·8	1·0	0·6	—	—	—	—	—	—	—	—	4·3
10	—	—	—	—	—	—	—	—	—	—	—	—	0·2	0·1	—	—	—	—	—	—	—	—	—	—	0·3
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
13	—	—	—	—	—	—	—	—	—	1·0	1·0	1·0	0·8	0·8	—	—	—	—	—	—	—	—	—	—	4·6
14	—	—	—	—	—	—	—	—	—	0·8	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	—	—	5·1
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
16	—	—	—	—	—	—	—	—	0·2	1·0	0·7	—	0·6	0·9	0·5	—	—	—	—	—	—	—	—	—	3·9
17	—	—	—	—	—	—	—	—	0·3	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	—	—	—	—	—	—	7·8
18	—	—	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	—	—	5·8
19	—	—	—	—	—	—	—	—	—	0·3	—	—	—	—	0·7	1·0	0·8	—	—	—	—	—	—	—	2·8
20	—	—	—	—	—	—	—	—	—	0·4	0·5	0·1	0·8	1·0	1·0	0·1	—	—	—	—	—	—	—	—	3·9
21	—	—	—	—	—	—	—	—	—	—	—	0·9	0·8	0·7	0·2	—	—	—	—	—	—	—	—	—	2·6
22	—	—	—	—	—	—	—	—	0·1	0·5	1·0	0·5	0·1	0·4	0·8	0·8	—	—	—	—	—	—	—	—	4·2
23	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	1·0	0·9	—	—	—	—	—	—	—	—	7·5
24	—	—	—	—	—	—	—	—	0·6	1·0	1·0	0·5	—	—	—	—	—	—	—	—	—	—	—	—	3·1
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	0·1
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
28	—	—	—	—	—	—	—	0·3	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	—	—	—	—	8·8
29	—	—	—	—	—	—	0·2	0·6	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	—	—	—	—	—	—	10·1
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
Total	—	—	—	—	—	—	0·2	0·9	3·8	10·1	12·6	12·6	12·2	11·5	9·0	6·8	3·1	0·4	—	—	—	—	—	—	83·2

* " Ball frosted all day : several hours sunshine."

TABLE 44. SUNSHINE.

October, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	0·6	0·9	1·0	1·0	1·0	1·0	1·0	1·0	—	—	—	—	—	—	—	—	—	—	7·5
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
3	—	—	—	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	3·9
4	—	—	—	—	—	—	0·9	1·0	0·9	1·0	1·0	1·0	1·0	0·9	0·5	0·8	1·0	0·8	0·1	—	—	—	—	—	—	10·9
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
6	—	—	—	—	—	—	0·9	0·9	0·8	0·8	1·0	0·5	0·6	0·1	—	—	—	—	—	—	—	—	—	—	5·6
7	—	—	—	—	—	—	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·5	—	—	—	—	—	11·3
8	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	—	—	—	—	—	—	—	10·2
9	—	—	—	—	—	0·2	0·4	0·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·3
10	—	—	—	—	—	—	—	—	0·1	0·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·8
11	—	—	—	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	—	—	—	—	—	—	—	—	7·3
12	—	—	—	—	—	0·3	0·6	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·1
13	—	—	—	—	—	—	—	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	—	—	—	10·2
14	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	—	—	0·1
15	—	—	—	—	—	—	—	—	0·8	0·9	1·0	1·0	1·0	1·0	1·0	0·9	0·1	—	—	0·5	—	—	—	—	8·2
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
17	—	—	—	—	0·2	0·6	1·0	1·0	0·9	—	—	—	—	—	0·5	1·0	1·0	1·0	0·6	—	—	—	—	—	7·8
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
19	—	—	—	—	—	—	0·6	0·3	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	0·5	—	—	—	13·2
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0	1·0	1·0	1·0	0·9	—	—	—	4·9
21	—	—	0·5	0·9	0·3	1·0	1·0	1·0	1·0	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	—	—	17·4
22	—	—	0·6	0·9	0·6	1·0	0·9	0·4	1·0	0·8	0·7	1·0	1·0	0·9	0·1	—	—	1·0	0·1	—	—	—	—	—	11·0
23	—	—	—	—	0·8	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	0·2	0·7	—	—	—	8·2
24	—	—	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	0·4	0·9	1·0	0·3	0·1	—	—	—	—	14·7
25	—	—	—	0·4	0·1	—	0·1	1·0	1·0	0·9	1·0	0·9	—	—	0·1	0·9	0·7	0·9	0·2	0·4	0·1	—	—	—	8·7
26	—	—	—	—	0·6	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	—	10·9
27	—	—	—	—	0·3	—	0·5	0·4	1·0	1·0	1·0	1·0	0·9	0·5	0·2	1·0	1·0	1·0	0·2	1·0	1·0	0·1	—	—	12·1
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·2	—	—	7·0
29	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	—	—	19·5
30	—	0·4	0·5	0·9	0·6	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	—	—	—	—	—	8·7
31	—	—	—	—	—	—	—	—	0·5	0·4	—	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·4	—	11·8
Total	—	0·7	3·0	5·1	5·5	8·1	12·9	15·5	18·8	18·0	17·7	16·8	16·1	15·5	14·0	14·5	13·9	13·0	8·0	8·1	7·0	1·7	0·4	—	234·3

TABLE 44. SUNSHINE.

November, 1911.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	0·3	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	1·0	0·8	—	—	—	—	—	—	—	15·8
2	—	—	—	—	—	0·1	—	0·4	0·2	0·3	0·6	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	—	—	—	—	9·5
3	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	0·1	—	0·6	1·0	0·9	0·4	0·4	0·5	1·0	1·0	1·0	0·6	—	—	11·8
4	—	—	—	—	—	0·2	0·4	1·0	1·0	0·9	1·0	0·5	0·9	1·0	1·0	0·4	0·1	—	—	—	—	—	—	—	8·4
5	—	—	0·1	0·3	0·5	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	—	—	—	—	14·9
6	0·2	0·9	1·0	1·0	1·0	1·0	0·7	—	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	—	—	—	—	—	9·2
7	—	—	—	0·6	0·5	—	0·8	0·5	—	—	0·1	0·6	0·2	—	—	—	—	—	—	—	—	—	—	—	3·3
8	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	0·6	0·6	1·0	1·0	1·0	0·5	0·3	0·9	1·0	1·0	1·0	1·0	0·8	15·3
9	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	0·1	0·2	—	—	—	—	—	—	—	—	—	—	—	10·5
10	—	—	—	—	0·5	—	—	—	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·7
11	0·1	0·1	—	0·3	—	—	0·2	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0
12	—	—	0·1	—	—	—	—	0·4	1·0	1·0	0·4	0·2	1·0	0·1	—	0·2	0·9	0·2	—	—	—	—	—	—	5·5
13	—	—	—	—	0·2	0·6	0·4	0·5	0·3	0·1	—	0·3	0·9	0·2	—	—	—	—	—	—	—	—	—	—	3·5
14	—	—	—	—	—	—	—	0·5	0·5	0·5	—	0·3	0·9	1·0	0·9	0·2	0·5	0·3	—	—	—	—	—	—	5·6
15	—	—	—	0·3	1·0	—	—	—	0·4	1·0	0·7	—	—	—	—	—	—	—	—	—	—	—	—	—	3·4
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·9	1·0	1·0	2·9
17	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
18	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
19	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
20	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
21	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·6	—	—	—	0·7	0·8	1·0	1·0	1·0	1·0	1·0	20·0
22	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·6	—	—	—	—	—	—	—	—	—	0·1	—	—	11·6
23	—	—	0·5	0·4	0·4	1·0	1·0	1·0	1·0	0·9	0·5	0·2	—	0·5	0·1	0·2	1·0	1·0	0·9	0·9	1·0	0·8	0·9	1·0	15·2
24	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	23·8
25	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
26	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·7	0·9	1·0	0·1	—	—	—	—	—	—	16·4
27	—	—	—	—	—	0·8	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	—	—	—	—	—	—	—	11·5
28	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	—	—	1·0	0·8	0·5	1·0	1·0	0·9	0·8	13·3
29	0·4	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	0·1	—	0·1	0·6	0·4	—	0·6	0·1	16·1
30	0·6	0·7	0·2	0·9	1·0	1·0	1·0	1·0	1·0	1·0	0·5	0·1	—	0·1	—	—	—	—	—	—	—	—	—	—	9·1
Total	12·1	13·8	14·9	16·8	18·1	18·8	21·1	21·9	22·5	22·7	19·3	16·3	18·3	17·2	15·4	13·9	14·1	12·1	12·5	11·6	11·4	11·4	11·4	10·7	378·3

TABLE 44. SUNSHINE.

December, 1911.

CAPE EVANS.

Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	0·4	—	—	—	—	—	0·1	—	0·1	—	—	—	—	—	0·1	—	—	—	—	—	0·7
2	—	—	—	—	—	—	0·3	0·2	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	14·0
3	—	—	—	—	0·1	0·8	0·8	—	—	0·4	1·0	0·9	0·6	0·9	0·5	0·9	—	0·1	0·2	0·6	1·0	1·0	1·0	1·0	11·8
4	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	0·9	0·8	0·1	—	0·1	0·6	0·8	0·4	0·5	1·0	0·9	1·0	1·0	1·0	1·0	1·0	18·3
5	1·0	1·0	1·0	1·0	0·9	0·8	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	10·0
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
7	—	—	—	—	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	0·9	0·1	—	—	—	0·1	5·7
8	—	—	—	0·6	0·5	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	19·5
9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	0·1	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	19·4
10	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
11	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
12	1·0	—	—	—	—	0·5	0·6	0·4	0·8	0·5	0·9	—	—	—	0·2	—	—	0·3	—	—	0·1	0·2	0·4	—	5·9
13	0·5	0·2	0·2	0·6	0·4	0·7	0·5	0·7	0·8	0·4	—	1·0	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·4	—	15·9
14	—	—	—	—	—	—	0·2	0·4	0·4	0·3	1·0	0·6	0·9	1·0	—	0·8	1·0	1·0	0·9	—	0·2	—	—	—	8·7
15	0·3	—	—	—	—	—	—	0·6	0·5	—	—	—	—	—	0·1	0·6	0·8	0·9	1·0	1·0	1·0	1·0	1·0	1·0	9·8
16	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	0·1	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	18·7
17	1·0	1·0	1·0	1·0	0·6	0·8	1·0	1·0	0·3	0·9	0·3	0·8	0·3	0·1	0·1	0·1	0·1	—	—	—	—	—	—	—	10·4
18	—	—	—	—	—	—	—	0·1	—	0·3	1·0	0·4	0·9	1·0	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	13·5
19	1·0	0·9	0·1	—	—	—	—	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	14·2
20	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·2	—	—	5·9
21	—	—	—	0·1	0·7	1·0	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	18·8
22	1·0	1·0	1·0	1·0	1·0	0·5	0·9	—	—	—	—	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	18·4
23	1·0	1·0	1·0	1·0	0·8	0·2	0·4	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	22·0
24	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
25	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·4	23·3
26	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·8	0·6	1·0	22·7
27	1·0	0·7	—	—	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	20·4
28	0·1	—	0·1	0·1	—	—	0·1	0·6	1·0	1·0	1·0	1·0	0·6	0·6	0·1	—	0·5	0·9	0·1	0·3	0·7	1·0	0·3	0·7	10·8
29	0·1	—	—	—	—	—	—	—	—	—	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	0·3	1·0	0·7	0·2	—	9·8
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
31	0·1	0·5	1·0	0·8	1·0	0·2	0·3	0·4	1·0	1·0	0·9	0·1	0·4	0·3	—	—	—	—	—	0·5	1·0	1·0	1·0	0·7	12·2
Total	16·5	15·3	14·4	15·2	16·0	15·1	15·1	14·9	15·7	16·0	16·8	17·2	19·1	21·1	19·6	20·8	20·9	22·2	20·5	19·8	21·9	21·7	19·8	17·2	432·8

TABLE 44. SUNSHINE.

January, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	0·1	—	0·7	0·5	0·8	0·8	0·8	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	15·9
2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·1	—	0·5	0·6	—	—	—	—	—	—	15·0
3	—	—	—	0·4	—	—	—	—	0·3	0·2	0·3	0·2	0·1	0·1	0·2	—	0·5	0·5	—	0·3	0·7	0·4	0·4	0·6	5·2
4	0·2	0·4	1·0	0·3	—	0·4	0·1	0·3	0·1	—	0·2	0·7	0·6	0·1	0·1	—	—	0·2	—	—	—	—	0·3	0·7	5·7
5	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	0·4	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	20·5
6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·7	0·2	0·5	0·4	0·6	1·0	1·0	0·9	1·0	1·0	1·0	0·3	0·5	0·8	1·0	1·0	19·9
7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	0·8	20·1
8	1·0	1·0	0·5	0·1	0·5	1·0	1·0	0·9	0·9	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	0·2	0·6	0·5	0·3	11·9
9	0·7	1·0	1·0	0·6	0·8	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	0·5	21·7
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·8	0·5	0·1	0·1	0·3	0·4	—	—	—	—	2·2
11	—	0·8	1·0	1·0	1·0	0·7	1·0	0·3	—	0·4	0·6	1·0	—	0·6	0·6	—	—	—	0·1	0·3	0·4	0·2	0·6	—	10·6
12	—	—	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	21·9
13	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·3	0·2	—	—	—	—	—	—	—	15·3
14	—	0·2	—	—	—	—	—	—	0·1	0·3	—	—	—	—	—	0·2	0·3	0·1	0·1	—	—	—	—	—	1·3
15	—	—	—	—	—	—	—	0·3	0·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0
16	—	—	—	—	—	—	—	—	0·2	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	15·1
17	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	0·8	0·4	—	—	—	—	18·4
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
19	—	—	—	—	—	—	—	—	—	—	—	0·4	0·1	—	—	—	—	—	—	—	—	—	—	0·3	0·8
20	0·4	0·6	—	0·6	0·8	0·9	1·0	—	—	0·4	1·0	0·8	1·0	1·0	1·0	0·9	1·0	0·6	0·1	0·3	0·4	1·0	1·0	1·0	15·8
21	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	23·0
22	1·0	1·0	1·0	1·0	0·4	0·2	0·4	—	0·3	1·0	0·5	0·1	—	—	—	—	—	—	—	—	—	—	—	—	6·9
23	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·8	—	—	—	—	—	13·9
24	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	—	—	21·0
25	—	—	—	0·4	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	19·9
26	1·0	1·0	0·7	—	—	—	0·6	0·9	0·6	0·5	—	0·5	1·0	0·9	0·7	1·0	1·0	0·6	0·6	0·7	—	—	—	—	12·3
27	—	—	0·5	1·0	1·0	1·0	0·1	—	—	0·3	0·1	—	0·7	0·7	0·9	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	12·0
28	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	23·1
29	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	23·8
30	0·2	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	0·2	0·1	—	—	—	—	—	15·8
31	—	—	—	—	—	—	0·3	0·1	0·2	0·5	0·4	0·2	0·1	—	—	—	—	—	—	—	—	—	—	—	1·8
Total	12·7	16·7	17·6	17·3	17·3	19·2	20·1	17·6	18·6	20·5	20·3	19·8	19·6	19·2	19·6	18·8	19·2	17·0	15·8	14·7	12·7	12·7	11·8	13·0	411·8

TABLE 44. SUNSHINE.

February, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	0·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·4
2	—	—	—	—	—	—	—	—	0·3	0·2	0·1	0·4	0·5	—	0·1	—	—	—	—	—	—	—	—	—	1·6
3	—	—	—	—	—	—	—	—	—	—	—	0·1	0·4	0·1	0·9	1·0	0·9	0·8	0·6	—	—	—	—	—	4·8
4	—	—	—	0·1	0·3	0·4	0·7	0·2	—	0·1	0·3	0·1	0·1	0·2	0·4	0·1	—	0·1	—	—	—	—	—	—	3·1
5	—	0·3	—	—	0·1	0·4	1·0	0·2	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	—	15·7
6	—	—	—	—	—	—	—	—	—	—	—	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	10·0
7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·7	0·8	1·0	0·8	0·6	—	0·9	0·9	1·0	21·6
8	0·4	—	—	0·3	0·1	0·9	1·0	0·9	1·0	0·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·1
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3	0·8	1·0	1·0	1·0	1·0	1·0	6·1
10	1·0	0·9	—	—	0·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2·0
11	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	0·1	—	—	0·4	0·4	0·8	1·0	0·9	0·4	—	4·1
12	—	—	0·2	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	0·7	0·3	—	—	9·4
13	—	0·2	0·8	1·0	1·0	0·7	1·0	1·0	1·0	1·0	0·6	0·6	0·1	—	0·2	0·6	1·0	1·0	0·2	0·1	—	—	—	—	12·1
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	0·5	—	—	—	—	—	—	0·6
15	—	—	—	—	—	—	—	0·1	1·0	0·7	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	2·1
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·3	—	—	—	—	0·3
22	—	—	—	—	—	—	0·4	1·0	1·0	1·0	1·0	1·0	0·9	0·2	—	—	0·3	0·6	0·1	0·4	—	—	—	—	7·9
23	—	—	—	—	0·2	0·1	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	—	—	14·6
24	—	—	0·4	1·0	1·0	1·0	1·0	0·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·3
25	—	—	—	—	—	—*																			
Total	2·4	2·4	2·4	3·4	3·8	4·5	7·2	6·3	6·9	6·5	5·9	6·9	7·0	5·5	6·7	6·5	7·0	8·7	6·5	6·2	5·3	4·4	2·4	2·0	126·8

* Record ceased until March 3rd.

TABLE 44. SUNSHINE

March, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	} No record.																								
2							0·9	1·0	1·0	0·8	1·0	1·0	0·8	0·5	0·8	0·2	—	0·4	0·3	0·1	—	—	—	—	8·8
3	—	—	—	—	—	—	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·3	—	—	—	—	—	—	13·0
4	—	—	—	—	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	14·1
5	—	—	—	—	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	—	—	—	—	11·8
6	—	—	—	—	0·3	0·5	—	1·0	0·4	0·8	1·0	0·6	1·0	1·0	1·0	1·0	1·0	1·0	0·8	—	—	—	—	—	12·7
7	—	—	—	—	0·8	0·5	—	0·8	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	0·5	—	—	—	—	—	—	2·0*
8	—	—	—	—	0·8	0·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·0
10	—	—	—	—	—	—	—	0·1	0·3	0·5	0·1	—	—	—	—	—	—	—	—	—	—	—	—	—	3·8
11	—	—	—	—	—	—	0·3	1·0	1·0	1·0	0·4	—	0·1	—	—	—	—	—	—	—	—	—	—	—	0·1
12	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	—	—	—	—	1·1
13	—	—	—	—	—	—	0·2	0·6	0·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4·7*
16	—	—	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	0·2	0·4	0·5	—	—	—	—	—	—	0·0
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1*
18	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4·3*
19	—	—	—	—	—	—	—	—	0·2	0·9	0·6	1·0	1·0	0·6	—	—	—	—	—	—	—	—	—	—	0·0
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7·7
22	—	—	—	—	—	—	—	—	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	—	—	7·7
23	—	—	—	—	—	—	—	—	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·2	—	—	—	—	—	—	—	0·0
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6·0
25	—	—	—	—	—	—	—	—	—	0·3	1·0	1·0	0·5	1·0	1·0	1·0	0·2	—	—	—	—	—	—	—	0·0
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·5
28	—	—	—	—	—	—	—	—	—	0·1	0·6	0·3	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	4·0
29	—	—	—	—	—	—	—	—	0·2	1·0	1·0	1·0	0·8	—	—	—	—	—	—	—	—	—	—	—	1·7
30	—	—	—	—	—	—	—	—	—	0·4	1·0	0·3	—	—	—	—	—	—	—	—	—	—	—	—	0·0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total	—	—	—	—	3·6	3·5	3·5	6·5	7·1	10·8	11·7	10·9	11·2	10·1	9·8	8·4	5·6	4·7	2·4	0·3	—	—	—	—	110·1

* Doubtful—card for part of day missing.

TABLE 44. SUNSHINE.

CAPE EVANS. — APRIL, 1912. — Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
3	—	—	—	—	—	—	—	—	—	—	0·1	0·7	1·0	1·0	0·1	—	—	—	—	—	—	—	—	—	2·9
4	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	—	—	—	—	—	6·3
5	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	—	6·0
6	—	—	—	—	—	—	—	—	—	0·1	1·0	0·6	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	—	5·2
7	—	—	—	—	—	—	—	—	—	—	0·1	0·1	—	—	—	—	—	—	—	—	—	—	—	—	0·2
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
10	—	—	—	—	—	—	—	—	—	—	—	—	0·8	0·4	—	—	—	—	—	—	—	—	—	—	1·2
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
12	—	—	—	—	—	—	—	—	—	—	—	—	—	0·5	0·3	—	—	—	—	—	—	—	—	—	0·8
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
15	—	—	—	—	—	—	—	—	—	—	0·1	0·6	1·0	0·9	—	—	—	—	—	—	—	—	—	—	2·6
16	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	—	—	—	—	—	—	0·1
17	—	—	—	—	—	—	—	—	—	—	—	—	0·8	0·8	—	—	—	—	—	—	—	—	—	—	1·6
18	—	—	—	—	—	—	—	—	—	—	—	—	0·8	0·4	—	—	—	—	—	—	—	—	—	—	1·2
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
												Sun	does	not	rise	after	April	24th.							
Total	—	—	—	—	—	—	—	—	—	1·3	3·3	4·0	7·4	7·1	3·4	1·6	—	—	—	—	—	—	—	—	28·1

CAPE EVANS. — AUGUST. 1912. — Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.													Sun returns for first time on August 21st.												
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
27	—	—	—	—	—	—	—	—	—	—	—	0·3	1·0	0·2	—	—	—	—	—	—	—	—	—	—	1·5
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
Total	—	—	—	—	—	—	—	—	—	—	—	0·3	1·0	0·2	—	—	—	—	—	—	—	—	—	—	1·5

TABLE 44. SUNSHINE.

September, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	0·5	—	—	—	—	—	—	—	—	—	4·1
2	—	—	—	—	—	—	—	—	—	—	0·4	1·0	1·0	1·0	0·8	—	—	—	—	—	—	—	—	—	4·2
3	—	—	—	—	—	—	—	—	—	—	0·9	1·0	1·0	1·0	0·6	—	—	—	—	—	—	—	—	—	4·5
4	—	—	—	—	—	—	—	—	—	0·1	0·8	0·2	—	—	—	—	—	—	—	—	—	—	—	—	1·1
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
6	—	—	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	—	—	—	—	—	—	—	—	—	—	5·3
7	—	—	—	—	—	—	—	—	—	—	0·4	1·0	1·0	0·2	0·1	—	—	—	—	—	—	—	—	—	2·7
8	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	—	6·0
9	—	—	—	—	—	—	—	—	—	0·6	1·0	1·0	1·0	0·4	—	—	—	—	—	—	—	—	—	—	4·0
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
11	—	—	—	—	—	—	—	—	0·7	1·0	0·6	0·8	1·0	1·0	—	—	—	—	—	—	—	—	—	—	5·1
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
14	—	—	—	—	—	—	—	—	—	—	—	0·1	0·5	0·3	—	—	—	—	—	—	—	—	—	—	0·9
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
17	—	—	—	—	—	—	—	—	—	No record.															
18	—	—	—	—	—	—	—	—	—																
19	—	—	—	—	—	—	—	—	—																
20	—	—	—	—	—	—	—	—	—																
21	—	—	—	—	—	—	—	—	—																
22	—	—	—	—	—	—	—	—	0·1	0·8	1·0	1·0	1·0	1·0	1·0	0·9	1·0	0·2	—	—	—	—	—	—	8·0
23										No record.															
24	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	0·5	0·7	—	0·7	—	—	—	—	—	—	—	—	7·2
25	—	—	—	—	—	—	—	—	0·9	0·8	0·9	1·0	1·0	1·0	1·0	1·0	0·8	—	—	—	—	—	—	—	8·4
26	—	—	—	—	—	—	—	—	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	9·2
27	—	—	—	—	—	—	0·1	1·0	1·0	0·5	1·0	1·0	0·2	—	—	—	—	—	—	—	—	—	—	—	4·8
28	—	—	—	—	—	—	—	—	—																
29	—	—	—	—	—	—	—	—	—	No record.															
30	—	—	—	—	—	—	—	—	—																
Total	—	—	—	—	—	—	0·4	2·0	4·7	7·4	11·6	13·1	12·2	10·6	6·0	4·0	2·8	0·7	—	—	—	—	—	—	75·5

TABLE 44. SUNSHINE.

October, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	—	0·4	0·8	0·4	1·0	1·0	1·0	1·0	1·0	1·0	0·7	—	—	—	—	—	—	—	—	8·3
2	—	—	—	—	—	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	—	—	12·1*
3																									
4																									
5																									
6				No	Record.																				
7																									
8																									
9	—	—	—	0·5	0·7	0·9	0·9	1·0	1·0	1·0	1·0	0·9	0·2	—	—	—	—	—	—	—	—	—	—	—	8·1
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
11	—	—	—	—	—	—	—	—	0·1	0·1	—	—	—	0·1	0·5	1·0	1·0	0·9	0·9	0·4	—	—	—	—	5·0
12	—	—	—	0·3	0·8	1·0	1·0	0·2	—	—	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	—	—	—	12·6
13	—	—	—	—	—	—	—	0·6	0·9	1·0	0·9	1·0	1·0	1·0	0·7	—	—	0·1	—	0·1	—	—	—	—	7·3
14				No	Record.																				
15	—	—	—	—	—	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	—	—	—	—	8·1
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
18	—	—	—	—	—	—	—	—	—	—	—	—	0·9	0·2	0·2	0·8	0·5	—	—	—	—	—	—	—	2·6
19	—	—	—	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	0·9	0·8	1·0	1·0	1·0	1·0	0·8	—	—	—	10·8
20	—	—	—	—	—	0·2	1·0	1·0	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	—	—	—	—	14·0
21	—	—	—	—	0·4	0·6	1·0	0·2	—	0·8	0·2	0·6	0·3	0·1	—	—	—	—	—	—	—	—	—	—	4·2
22	—	—	—	—	—	—	—	0·1	—	0·5	0·9	0·7	0·3	—	—	—	—	—	—	—	—	—	—	—	2·5
23	—	—	—	—	—	—	—	—	—	—	0·1	—	—	0·2	0·6	0·7	0·2	0·7	1·0	1·0	1·0	0·3	—	—	5·8
24	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	17·5
25	—	—	—	—	0·4	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	16·8
26	—	—	—	—	0·6	1·0	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·7	—	—	—	—	—	—	13·0
27	—	—	—	—	—	0·3	—	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·6	—	—	14·3
28	—	—	—	0·4	1·0	1·0	1·0	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·4	1·0	1·0	0·6	—	0·5	0·2	—	15·9
29	0·6	0·1	—	—	—	0·1	0·1	0·8	0·4	0·2	0·8	0·3	0·5	1·0	1·0	1·0	1·0	1·0	0·9	0·4	0·1	—	—	—	10·3
30	—	—	—	—	—	—	0·1	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·3	—	—	—	—	—	11·3
31	—	—	—	—	0·8	1·0	1·0	1·0	1·0	1·0	0·6	0·4	0·9	0·6	0·9	0·9	1·0	0·9	1·0	1·0	0·4	—	—	—	14·4
Total	0·6	0·1	0·2	2·2	5·7	8·6	10·3	11·9	11·6	13·9	15·2	15·2	16·1	15·2	15·8	15·8	14·0	13·8	12·1	9·9	4·6	1·9	0·2	—	214·9

* Record doubtful, card having been left in instrument for two days.

TABLE 44. SUNSHINE.

November, 1912.

CAPE EVANS, Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	—	—	—	—	13·8
2	—	—	—	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	—	—	—	12·3
3	—	—	—	—	—	—	0·4	1·0	1·0	0·8	—	0·1	0·3	0·4	0·4	1·0	0·8	0·2	—	—	0·1	0·5	1·0	0·8	8·8
4	0·3	0·1	—	—	—	—	—	—	—	—	—	0·1	0·9	1·0	1·0	1·0	1·0	1·0	0·7	0·3	0·4	0·7	0·5	—	9·0
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·1	—	—	—	—	0·8	0·2	1·1
6	0·6	0·5	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·4	21·7
7	—	—	0·9	0·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·6	0·9	0·1	—	0·9	1·0	1·0	1·0	18·3
8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·8	1·0	0·9	0·9	0·6	1·0	0·9	0·4	—	—	—	—	—	17·3
9	—	—	0·6	—	—	—	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	0·4	0·1	—	—	14·3
10	—	—	0·9	1·0	1·0	1·0	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	0·3	0·4	—	—	—	—	—	—	14·0
11	—	—	—	—	—	—	0·2	0·3	0·2	0·3	0·2	0·3	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	12·3
12	0·7	1·0	1·0	0·7	0·1	0·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	1·0	21·9
13	0·9	0·9	1·0	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	0·1	0·1	—	—	0·3	0·1	—	16·4
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·4	0·7	0·2	0·7	1·0	1·0	4·0
15	1·0	1·0	1·0	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	1·0	—	—	21·7*
16	—	0·5	1·0	0·8	1·0	1·0	0·7	—	0·7	0·4	—	0·2	0·9	0·9	0·9	0·3	—	—	—	—	—	—	—	—	9·3
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
18	—	—	—	—	—	—	—	—	—	0·4	0·7	0·1	0·7	1·0	0·9	1·0	1·0	1·0	0·7	—	—	—	—	—	7·2
19	—	—	—	—	—	—	—	—	—	0·2	—	—	0·2	0·1	0·7	0·9	1·0	1·0	1·0	0·5	—	—	—	0·1	5·7
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·5	0·9	1·0	0·2	2·6
21	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·1	0·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	22·4
22	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·3	—	—	—	—	—	—	17·2
23	—	0·8	1·0	1·0	0·5	0·9	1·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·2*
24	—	—	—	—	—	—	—	—	—	0·1	0·1	0·1	0·4	0·1	0·3	0·8	—	0·9	1·0	0·4	0·4	0·1	1·0	1·0	6·7*
25	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	—	—	—	0·7	1·0	1·0	0·8	—	0·5	0·7	1·0	0·9	0·1	17·6
26	—	—	—	—	0·1	0·2	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	14·6
27	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9·8*
28	—	—	—	—	—	—	—	—	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	—	0·1	0·2	—	—	—	9·4*
29	—	—	—	—	—	—	—	—	—	0·2	0·2	0·2	0·2	0·1	—	—	—	—	—	—	—	—	—	—	0·9
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	8·5	9·8	12·7	11·0	11·7	12·9	14·8	13·6	16·0	17·2	15·9	14·9	18·0	18·5	19·7	20·3	18·0	17·0	13·3	10·3	9·8	11·2	12·2	8·2	335·5

* Doubtful—card for part of day missing.

TABLE 44. SUNSHINE.

December, 1912.

CAPE EVANS. Hours.

Local Time.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Day.
Day.																									
1	—	—	—	—	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	19·7
2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·8	23·6
4	1·0	0·3	—	—	—	—	—	0·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·5
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0
7	—	—	—	—	—	—	—	—	0·4	1·0	1·0	1·0	1·0	1·0	1·0	0·3	0·9	0·8	0·6	1·0	0·1	—	—	—	10·1
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0*
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·0‡
10	—	—	—	—	—	—	—	—	0·6	1·0	0·3	—	0·2	1·0	1·0	1·0	1·0	1·0	—	—	—	—	—	—	7·1*
11	—	—	—	—	—	—	0·2	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·8	0·6	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	16·2
12	1·0	1·0	1·0	0·5	0·9	1·0	0·8	0·7	1·0	1·0	0·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·1	—	20·6
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·7	0·2	—	—	—	—	0·9
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·4	0·2	0·5	0·2	0·9	2·2
15	0·1	1·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·1*
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	‡
17	—	—	—	—	—	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	—	—	0·3	—	—	14·3*
18	—	0·7	0·8	0·3	0·8	—	—	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	19·4
19	0·6	0·5	0·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	22·9
20	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·5	1·0	0·8	0·4	0·6	0·5	0·5	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	21·2
21	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	—	0·2	—	—	—	—	—	—	—	—	—	—	0·7	1·0	1·0	1·0	11·3§
22	1·0	1·0	1·0	0·9	0·4	0·6	1·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·9§
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	‡
24	—	—	—	—	—	—	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	17·3*
25	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·9	0·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·4	0·9	0·1	0·2	0·5	1·0	20·9
26	1·0	1·0	0·4	0·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	22·7
27	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	24·0
28	1·0	1·0	0·8	0·6	0·3	—	0·3	—	—	—	—	—	0·4	0·2	0·2	0·3	0·7	1·0	0·7	0·2	0·4	0·8	—	0·3	9·2
29	0·7	0·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	0·8	0·4	0·1	—	—	—	—	17·7
30	—	—	—	—	—	—	—†																		
31																									
Total	12·4	13·2	11·8	10·6	12·1	12·6	13·6	14·2	14·9	15·7	14·9	14·8	15·0	15·7	15·5	14·7	16·2	16·6	14·8·	13·8	12·5	13·8	11·5	12·9	333·8

* Doubtful—card for part of day missing. † End of record. ‡ Doubtful—card missing. § Record very doubtful—card shifted by wind. "There was more sunshine than this."

SECTION IV.

PRESSURE.

TABLES 45 to 56.

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·79	29·79	29·78	29·77	29·77	29·76	29·75	29·74	29·71	29·71	29·70	29·69
2	29·53	29·51	29·49	29·46	29·44	29·43	29·41	29·40	29·37	29·35	29·32	29·29
3	29·06	29·06	29·06	29·07	29·08	29·10	29·12	29·13	29·14	29·15	29·15	29·16
4	29·27	29·27	29·26	29·29	29·29	29·30	29·30	29·30	29·30	29·30	29·29	29·29
5	29·22	29·20	29·19	29·19	29·16	29·16	29·15	29·14	29·14	29·11	29·10	29·09
6	28·99	28·99	29·00	29·00	29·01	29·01	29·01	29·02	29·02	29·00	29·00	29·03
7	29·16	29·17	29·17	29·16	29·17	29·19	29·19	29·20	29·20	29·21	29·21	29·19
8	29·13	29·13	29·12	29·10	29·10	29·09	29·08	29·09	29·09	29·09	29·09	29·09
9	29·10	29·11	29·13	29·15	29·16	29·17	29·17	29·20	29·21	29·22	29·24	29·26
10	29·38	29·38	29·38	29·39	29·39	29·39	29·39	29·38	29·38	29·39	29·39	29·40
11	29·33	29·33	29·33	29·31	29·30	29·30	29·29	29·28	29·28	29·28	29·28	29·28
12	29·25	29·25	29·24	29·25	29·25	29·25	29·25	29·25	29·26	29·26	29·28	29·30
13	29·40	29·40	29·40	29·40	29·42	29·44	29·45	29·47	29·46	29·49	29·49	29·48
14	29·53	29·53	29·53	29·53	29·53	29·53	29·52	29·52	29·52	29·52	29·53	29·53
15	29·54	29·54	29·54	29·54	29·54	29·54	29·54	29·54	29·54	29·55	29·57	29·57
16	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·61	29·61	29·61	29·61
17	29·46	29·45	29·44	29·41	29·40	29·38	29·37	29·33	29·30	29·28	29·27	29·26
18	29·22	29·22	29·21	29·22	29·21	29·20	29·23	29·23	29·23	29·26	29·27	29·28
19	29·32	29·32	29·32	29·31	29·32	29·32	29·32	29·31	29·32	29·32	29·33	29·34
20	29·36	29·36	29·36	29·36	29·35	29·35	29·35	29·35	29·33	29·33	29·34	29·34
21	29·37	29·37	29·36	29·36	29·36	29·36	29·36	29·34	29·33	29·33	29·33	29·33
22	29·25	29·25	29·25	29·26	29·27	29·27	29·28	29·28	29·29	29·29	29·29	29·31
23	29·39	29·39	29·39	29·39	29·40	29·40	29·41	29·42	29·42	29·43	29·43	29·44
24	29·51	29·51	29·51	29·50	29·50	29·50	29·50	29·49	29·48	29·48	29·47	29·47
25	29·44	29·44	29·43	29·42	29·42	29·42	29·41	29·39	29·39	29·39	29·39	29·38
26	29·28	29·27	29·26	29·26	29·25	29·25	29·25	29·23	29·22	29·23	29·23	29·22
27	29·10	29·08	29·05	29·03	29·02	28·99	28·99	28·96	28·97	28·98	28·98	28·98
28	29·02	29·01	29·01	29·01	29·01	29·01	28·99	28·99	28·99	29·01	29·02	29·07
Mean ...	29·322	29·320	29·315	29·313	29·312	29·312	29·311	29·307	29·305	29·306	29·307	29·310

—HOURLY VALUES.

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·69	29·68	29·66	29·65	29·63	29·62	29·61	29·61	29·58	29·58	29·57	29·55	29·684	1
29·26	29·24	29·22	29·17	29·15	29·13	29·12	29·11	29·10	29·08	29·06	29·06	29·279	2
29·19	29·20	29·21	29·21	29·20	29·20	29·21	29·21	29·24	29·25	29·26	29·27	29·169	3
29·30	29·29	29·28	29·28	29·28	29·28	29·27	29·26	29·26	29·24	29·24	29·22	29·278	4
29·09	29·07	29·06	29·06	29·06	29·06	29·04	29·03	29·01	28·98	28·98	28·99	29·099	5
29·03	29·04	29·05	29·06	29·07	29·09	29·11	29·12	29·13	29·13	29·15	29·15	29·051	6
29·18	29·19	29·19	29·18	29·17	29·16	29·16	29·15	29·15	29·14	29·13	29·13	29·173	7
29·09	29·09	29·09	29·09	29·09	29·09	29·09	29·09	29·10	29·10	29·10	29·11	29·097	8
29·26	29·27	29·28	29·30	29·30	29·30	29·32	29·33	29·34	29·36	29·37	29·37	29·247	9
29·40	29·40	29·38	29·38	29·37	29·37	29·36	29·36	29·35	29·35	29·35	29·34	29·377	10
29·27	29·27	29·26	29·26	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·277	11
29·31	29·31	29·30	29·31	29·32	29·32	29·36	29·37	29·38	29·39	29·38	29·40	29·302	12
29·49	29·49	29·50	29·50	29·51	29·50	29·51	29·51	29·51	29·52	29·52	29·52	29·474	13
29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·54	29·54	29·54	29·54	29·530	14
29·57	29·57	29·57	29·58	29·58	29·58	29·58	29·58	29·60	29·60	29·60	29·61	29·565	15
29·60	29·59	29·59	29·58	29·58	29·57	29·55	29·53	29·52	29·51	29·50	29·47	29·583	16
29·25	29·25	29·24	29·24	29·23	29·22	29·22	29·21	29·20	29·21	29·22	29·23	29·295	17
29·30	29·31	29·31	29·31	29·30	29·30	29·30	29·32	29·33	29·33	29·32	29·32	29·272	18
29·34	29·34	29·34	29·34	29·35	29·35	29·35	29·37	29·36	29·36	29·36	29·36	29·336	19
29·34	29·34	29·34	29·34	29·35	29·35	29·35	29·35	29·36	29·36	29·36	29·36	29·349	20
29·32	29·31	29·30	29·29	29·28	29·28	29·28	29·28	29·26	29·26	29·25	29·25	29·315	21
29·31	29·31	29·32	29·33	29·34	29·34	29·35	29·35	29·36	29·37	29·38	29·38	29·310	22
29·45	29·46	29·46	29·47	29·48	29·48	29·48	29·49	29·50	29·50	29·51	29·51	29·446	23
29·47	29·47	29·46	29·45	29·44	29·14	29·44	29·46	29·45	29·45	29·44	29·44	29·472	24
29·37	29·37	29·36	29·35	29·34	29·34	29·32	29·32	29·31	29·31	29·30	29·29	29·371	25
29·23	29·22	29·22	29·20	29·20	29·18	29·18	29·17	29·17	29·15	29·13	29·10	29·213	26
28·98	28·98	28·98	28·99	28·99	29·02	29·01	29·01	29·02	29·02	29·02	29·02	29·007	27
29·07	29·09	29·08	29·10	29·10	29·11	29·12	29·13	29·13	29·13	29·13	29·14	29·061	28
29·310	29·310	29·306	29·305	29·303	29·302	29·303	29·304	29·304	29·303	29·301	29·299	29·308	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·15
2	29·17	29·17	29·18	29·17	29·17	29·16	29·15	29·15	29·15	29·15	29·15	29·15
3	29·11	29·10	29·10	29·10	29·10	29·10	29·11	29·11	29·11	29·10	29·12	29·13
4	29·13	29·13	29·10	29·09	29·09	29·11	29·12	29·12	29·11	29·10	29·10	29·10
5	29·02	29·02	29·02	29·02	29·03	29·03	29·03	29·03	29·04	29·05	29·07	29·08
6	29·12	29·12	29·13	29·14	29·15	29·16	29·18	29·19	29·20	29·20	29·22	29·22
7	29·27	29·28	29·29	29·29	29·30	29·30	29·31	29·33	29·35	29·36	29·36	29·38
8	29·44	29·45	29·46	29·47	29·47	29·47	29·47	29·45	29·45	29·46	29·47	29·46
9	29·35	29·33	29·31	29·30	29·29	29·28	29·27	29·26	29·24	29·23	29·22	29·20
10	29·03	29·03	29·02	29·02	29·02	29·02	29·01	29·02	29·03	29·05	29·07	29·10
11	29·30	29·31	29·32	29·34	29·36	29·38	29·39	29·39	29·40	29·40	29·42	29·43
12	29·42	29·41	29·40	29·40	29·40	29·39	29·39	29·37	29·36	29·34	29·34	29·33
13	29·23	29·23	29·24	29·26	29·26	29·26	29·26	29·27	29·26	29·26	29·26	29·26
14	29·15	29·14	29·15	29·14	29·14	29·14	29·13	29·12	29·12	29·13	29·13	29·13
15	29·01	28·98	28·96	28·95	28·95	28·98	28·99	29·00	29·00	28·99	28·98	28·96
16	28·98	28·98	28·98	28·98	28·99	28·99	28·98	28·99	28·99	28·99	29·01	29·01
17	28·86	28·88	28·91	28·93	28·95	28·96	28·99	29·01	29·03	29·05	29·06	29·08
18	29·20	29·18	29·18	29·18	29·18	29·18	29·17	29·16	29·17	29·14	29·14	29·14
19	29·36	29·36	29·38	29·42	29·42	29·43	29·44	29·45	29·45	29·48	29·48	29·49
20	29·45	29·44	29·43	29·43	29·42	29·41	29·40	29·38	29·38	29·36	29·34	29·32
21	29·23	29·23	29·23	29·25	29·25	29·27	29·29	29·32	29·33	29·35	29·36	29·39
22	29·36	29·38	29·38	29·38	29·38	29·37	29·37	29·34	29·33	29·32	29·31	29·30
23	29·19	29·18	29·17	29·19	29·18	29·18	29·17	29·15	29·16	29·17	29·17	29·18
24	29·07	29·06	29·04	29·03	29·02	29·02	29·02	29·01	29·00	29·01	29·02	29·02
25	29·16	29·17	29·17	29·16	29·16	29·20	29·20	29·21	29·22	29·21	29·23	29·23
26	29·18	29·20	29·19	29·19	29·20	29·20	29·21	29·22	29·23	29·25	29·25	29·25
27	29·25	29·25	29·24	29·23	29·23	29·22	29·21	29·20	29·20	29·19	29·19	29·18
28	29·22	29·22	29·22	29·22	29·21	29·21	29·21	29·22	29·23	29·23	29·24	29·24
29	29·34	29·33	29·33	29·33	29·33	29·33	29·34	29·34	29·34	29·35	29·36	29·36
30	29·39	29·40	29·40	29·41	29·39	29·39	29·38	29·37	29·36	29·36	29·35	29·36
31	29·25	29·22	29·21	29·19	29·19	29·17	29·17	29·17	29·16	29·16	29·16	29·17
Mean ...	29·206	29·204	29·203	29·205	29·206	29·208	29·210	29·209	29·211	29·212	29·217	29·220

1911.

Inches— reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	21		
													Day.
29·15	29·14	29·15	29·15	29·15	29·16	29·15	29·16	29·16	29·17	29·17	29·17	29·149	1
29·15	29·14	29·13	29·13	29·13	29·13	29·13	29·13	29·12	29·12	29·12	29·12	29·145	2
29·13	29·12	29·12	29·13	29·13	29·13	29·13	29·13	29·13	29·13	29·13	29·14	29·118	3
29·09	29·09	29·08	29·08	29·07	29·08	29·09	29·07	29·06	29·05	29·04	29·03	29·089	4
29·08	29·09	29·08	29·08	29·08	29·08	29·08	29·09	29·10	29·10	29·11	29·11	29·063	5
29·22	29·22	29·23	29·23	29·23	29·24	29·24	29·25	29·24	29·26	29·26	29·26	29·205	6
29·37	29·38	29·39	29·39	29·39	29·39	29·41	29·42	29·42	29·43	29·44	29·45	29·363	7
29·45	29·43	29·43	29·42	29·41	29·40	29·39	29·38	29·38	29·36	29·36	29·36	29·429	8
29·19	29·17	29·15	29·13	29·10	29·09	29·08	29·07	29·06	29·04	29·04	29·03	29·185	9
29·11	29·13	29·14	29·16	29·17	29·18	29·21	29·23	29·26	29·27	29·29	29·29	29·119	10
29·45	29·45	29·45	29·46	29·46	29·46	29·46	29·46	29·45	29·45	29·45	29·44	29·412	11
29·32	29·30	29·29	29·29	29·28	29·28	29·27	29·27	29·27	29·26	29·26	29·24	29·328	12
29·24	29·23	29·22	29·21	29·20	29·19	29·19	29·19	29·18	29·18	29·17	29·15	29·225	13
29·14	29·13	29·12	29·11	29·08	29·08	29·07	29·07	29·07	29·06	29·05	29·03	29·110	14
28·95	28·95	28·95	28·95	28·95	28·96	28·98	28·98	28·97	28·98	28·97	28·98	28·972	15
29·01	29·00	28·99	28·97	28·95	28·94	28·94	28·92	28·89	28·86	28·85	28·86	28·960	16
29·10	29·11	29·12	29·15	29·16	29·17	29·16	29·16	29·17	29·18	29·19	29·19	29·065	17
29·15	29·16	29·16	29·17	29·18	29·21	29·24	29·27	29·28	29·31	29·33	29·35	29·205	18
29·51	29·51	29·51	29·51	29·50	29·50	29·49	29·49	29·49	29·48	29·46	29·45	29·461	19
29·30	29·30	29·29	29·27	29·25	29·24	29·22	29·23	29·22	29·22	29·23	29·23	29·323	20
29·39	29·39	29·41	29·41	29·40	29·39	29·38	29·37	29·37	29·37	29·36	29·36	29·338	21
29·29	29·27	29·25	29·24	29·23	29·22	29·22	29·21	29·21	29·20	29·20	29·20	29·290	22
29·18	29·17	29·17	29·15	29·14	29·13	29·13	29·13	29·12	29·11	29·10	29·10	29·155	23
29·02	29·03	29·05	29·07	29·08	29·09	29·09	29·10	29·11	29·13	29·14	29·16	29·058	24
29·23	29·22	29·22	29·22	29·22	29·22	29·22	29·21	29·21	29·21	29·20	29·19	29·204	25
29·25	29·25	29·26	29·26	29·26	29·25	29·26	29·26	29·25	29·25	29·25	29·26	29·235	26
29·18	29·17	29·16	29·15	29·15	29·16	29·16	29·18	29·19	29·20	29·22	29·23	29·198	27
29·24	29·25	29·26	29·27	29·28	29·30	29·31	29·32	29·33	29·33	29·33	29·34	29·260	28
29·36	29·36	29·36	29·36	29·36	29·36	29·36	29·37	29·38	29·38	29·38	29·38	29·354	29
29·34	29·34	29·33	29·31	29·30	29·28	29·27	29·28	29·27	29·27	29·26	29·25	29·336	30
29·18	29·18	29·17	29·17	29·17	29·16	29·16	29·15	29·15	29·16	29·17	29·17	29·175	31
29·219	29·216	29·214	29·213	29·209	29·209	29·209	29·211	29·210	29·210	29·211	29·210	29·211	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·17	29·17	29·17	29·17	29·17	29·17	29·18	29·18	29·19	29·19	29·20	29·22
2	29·28	29·28	29·27	29·27	29·27	29·27	29·27	29·27	29·28	29·29	29·29	29·29
3	29·31	29·31	29·29	29·29	29·29	29·29	29·29	29·29	29·29	29·29	29·29	29·28
4	29·19	29·18	29·16	29·15	29·14	29·13	29·13	29·11	29·10	29·09	29·08	29·08
5	29·03	29·02	29·02	29·01	29·03	29·03	29·03	29·03	29·04	29·04	29·06	29·07
6	29·12	29·11	29·10	29·09	29·08	29·06	29·06	29·05	29·04	29·03	29·02	29·01
7	28·85	28·85	28·86	28·86	28·86	28·86	28·86	28·85	28·85	28·84	28·84	28·83
8	29·04	29·07	29·10	29·13	29·17	29·20	29·20	29·22	29·24	29·23	29·23	29·23
9	29·19	29·19	29·19	29·19	29·19	29·18	29·18	29·17	29·17	29·18	29·18	29·17
10	29·18	29·17	29·16	29·15	29·15	29·14	29·14	29·15	29·14	29·13	29·13	29·15
11	29·02	29·00	28·98	28·97	28·96	28·95	28·95	28·94	28·93	28·93	28·93	28·94
12	29·01	29·02	29·03	29·03	29·03	29·05	29·09	29·13	29·16	29·18	29·21	29·25
13	29·38	29·38	29·38	29·39	29·38	29·38	29·39	29·40	29·41	29·42	29·43	29·44
14	29·57	29·58	29·58	29·62	29·64	29·66	29·66	29·67	29·68	29·71	29·71	29·70
15	29·68	29·68	29·67	29·66	29·64	29·63	29·61	29·60	29·58	29·58	29·59	29·59
16	29·72	29·73	29·76	29·77	29·79	29·78	29·78	29·79	29·79	29·79	29·80	29·79
17	29·70	29·70	29·69	29·67	29·65	29·63	29·60	29·60	29·59	29·57	29·55	29·53
18	29·24	29·23	29·23	29·23	29·23	29·24	29·24	29·23	29·24	29·24	29·25	29·26
19	29·29	29·28	29·28	29·28	29·27	29·27	29·27	29·27	29·27	29·27	29·29	29·30
20	29·39	29·39	29·40	29·41	29·43	29·43	29·44	29·45	29·45	29·45	29·44	29·43
21	29·30	29·30	29·28	29·27	29·27	29·27	29·26	29·25	29·24	29·24	29·26	29·27
22	29·23	29·22	29·20	29·19	29·19	29·18	29·17	29·15	29·14	29·14	29·12	29·11
23	29·04	29·04	29·04	29·04	29·05	29·05	29·07	29·06	29·07	29·08	29·08	29·08
24	29·19	29·19	29·18	29·20	29·21	29·21	29·21	29·22	29·23	29·24	29·26	29·28
25	29·48	29·49	29·50	29·50	29·51	29·51	29·51	29·51	29·51	29·52	29·53	29·54
26	29·58	29·58	29·59	29·60	29·60	29·60	29·61	29·62	29·64	29·66	29·67	29·67
27	29·71	29·71	29·70	29·70	29·69	29·69	29·68	29·67	29·67	29·67	29·68	29·68
28	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·61	29·60	29·58	29·58	29·57
29	29·35	29·34	29·32	29·32	29·32	29·32	29·32	29·33	29·33	29·35	29·37	29·39
30	29·53	29·53	29·53	29·54	29·54	29·53	29·53	29·52	29·52	29·51	29·50	29·50
Mean ...	29·313	29·312	29·310	29·311	29·313	29·311	29·312	29·311	29·313	29·315	29·319	29·322

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
29·23	29·23	29·24	29·24	29·24	29·23	29·26	29·26	29·27	29·28	29·28	29·28	29·218	1
29·29	29·29	29·29	29·29	29·29	29·29	29·31	29·31	29·31	29·30	29·30	29·31	29·288	2
29·28	29·27	29·26	29·25	29·24	29·23	29·23	29·23	29·22	29·22	29·21	29·20	29·265	3
29·07	29·07	29·06	29·06	29·05	29·05	29·05	29·04	29·04	29·03	29·03	29·03	29·088	4
29·08	29·08	29·09	29·09	29·10	29·11	29·12	29·12	29·12	29·11	29·12	29·12	29·070	5
29·01	29·00	28·97	28·96	28·94	28·91	28·89	28·89	28·89	28·87	28·86	28·85	28·992	6
28·83	28·82	28·83	28·84	28·84	28·86	28·89	28·92	28·95	28·97	28·98	29·01	28·873	7
29·23	29·21	29·19	29·20	29·20	29·20	29·20	29·20	29·20	29·20	29·19	29·19	29·186	8
29·16	29·16	29·15	29·15	29·15	29·17	29·17	29·18	29·18	29·18	29·18	29·18	29·179	9
29·15	29·13	29·10	29·09	29·09	29·07	29·06	29·06	29·05	29·04	29·03	29·03	29·112	10
28·94	28·94	28·94	28·94	28·95	28·96	28·98	28·98	29·00	29·01	29·01	29·01	28·965	11
29·25	29·27	29·30	29·31	29·33	29·35	29·36	29·38	29·39	29·39	29·37	29·38	29·220	12
29·46	29·47	29·48	29·48	29·49	29·48	29·50	29·51	29·53	29·54	29·55	29·57	29·452	13
29·71	29·72	29·71	29·71	29·71	29·71	29·71	29·72	29·74	29·73	29·72	29·70	29·682	14
29·60	29·60	29·60	29·61	29·61	29·62	29·64	29·66	29·67	29·67	29·68	29·70	29·632	15
29·79	29·80	29·80	29·80	29·78	29·76	29·74	29·73	29·73	29·72	29·72	29·71	29·765	16
29·52	29·48	29·45	29·42	29·39	29·38	29·36	29·33	29·31	29·28	29·27	29·25	29·497	17
29·26	29·26	29·26	29·26	29·26	29·27	29·26	29·27	29·27	29·29	29·29	29·28	29·254	18
29·30	29·30	29·28	29·30	29·33	29·33	29·34	29·35	29·37	29·38	29·39	29·39	29·308	19
29·45	29·44	29·43	29·40	29·38	29·37	29·36	29·35	29·34	29·34	29·33	29·31	29·400	20
29·27	29·28	29·28	29·28	29·28	29·28	29·28	29·28	29·28	29·27	29·25	29·24	29·270	21
29·10	29·09	29·08	29·07	29·07	29·06	29·06	29·06	29·06	29·06	29·07	29·05	29·120	22
29·08	29·10	29·11	29·12	29·12	29·13	29·15	29·16	29·16	29·18	29·19	29·19	29·100	23
29·29	29·30	29·33	29·34	29·36	29·37	29·39	29·40	29·43	29·44	29·46	29·47	29·300	24
29·55	29·54	29·54	29·55	29·55	29·55	29·56	29·56	29·56	29·57	29·57	29·58	29·533	25
29·68	29·70	29·71	29·71	29·71	29·71	29·72	29·72	29·71	29·71	29·71	29·71	29·663	26
29·66	29·65	29·64	29·63	29·62	29·62	29·61	29·61	29·62	29·63	29·63	29·63	29·658	27
29·54	29·52	29·51	29·48	29·46	29·44	29·42	29·41	29·40	29·37	29·36	29·35	29·525	28
29·41	29·41	29·45	29·49	29·48	29·47	29·47	29·48	29·51	29·52	29·53	29·53	29·409	29
29·50	29·49	29·49	29·49	29·49	29·47	29·47	29·47	29·46	29·46	29·47	29·48	29·501	30
29·323	29·321	29·319	29·319	29·317	29·315	29·319	29·321	29·325	29·325	29·325	29·324	29·317	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·18	29·47	29·47	29·47	29·47	29·46	29·46	29·45	29·44	29·44	29·44	29·44
2	29·46	29·46	29·46	29·47	29·47	29·47	29·48	29·49	29·49	29·49	29·50	29·52
3	29·57	29·56	29·55	29·55	29·54	29·54	29·54	29·54	29·54	29·54	29·54	29·54
4	29·53	29·53	29·53	29·53	29·52	29·52	29·50	29·49	29·47	29·46	29·46	29·45
5	29·25	29·25	29·25	29·26	29·26	29·26	29·26	29·26	29·26	29·25	29·26	29·27
6	29·46	29·47	29·48	29·50	29·52	29·53	29·55	29·59	29·60	29·63	29·66	29·68
7	29·82	29·82	29·82	29·82	29·82	29·82	29·82	29·81	29·81	29·81	29·81	29·80
8	29·69	29·69	29·69	29·68	29·68	29·68	29·68	29·68	29·68	29·69	29·69	29·70
9	29·69	29·68	29·67	29·66	29·66	29·65	29·65	29·64	29·64	29·64	29·63	29·64
10	29·67	29·67	29·68	29·68	29·67	29·68	29·68	29·69	29·68	29·68	29·69	29·69
11	29·62	29·61	29·61	29·60	29·59	29·57	29·56	29·56	29·54	29·53	29·54	29·54
12	29·53	29·53	29·53	29·54	29·54	29·55	29·58	29·57	29·57	29·57	29·57	29·58
13	29·46	29·46	29·45	29·44	29·42	29·39	29·38	29·35	29·32	29·31	29·30	29·27
14	28·95	28·93	28·91	28·91	28·89	28·88	28·87	28·87	28·86	28·85	28·84	28·83
15	28·79	28·77	28·77	28·77	28·76	28·76	28·75	28·74	28·72	28·70	28·69	28·67
16	28·66	28·67	28·69	28·69	28·71	28·73	28·76	28·77	28·80	28·81	28·88	28·93
17	29·27	29·30	29·31	29·33	29·34	29·34	29·35	29·35	29·35	29·35	29·35	29·35
18	29·22	29·21	29·19	29·18	29·17	29·16	29·15	29·14	29·14	29·14	29·16	29·17
19	29·32	29·34	29·36	29·38	29·39	29·40	29·41	29·43	29·44	29·47	29·48	29·48
20	29·41	29·40	29·38	29·36	29·33	29·31	29·29	29·28	29·25	29·23	29·21	29·19
21	29·15	29·13	29·12	29·11	29·11	29·09	29·07	29·05	29·03	29·02	29·01	29·00
22	28·92	28·92	28·92	28·92	28·93	28·93	28·93	28·94	28·94	28·96	28·97	28·98
23	29·07	29·07	29·08	29·08	29·09	29·08	29·08	29·06	29·04	29·03	29·04	29·03
24	28·71	28·69	28·64	28·61	28·57	28·54	28·50	28·47	28·43	28·41	28·39	28·37
25	28·31	28·31	28·33	28·35	28·37	28·38	28·41	28·43	28·47	28·47	28·50	28·50
26	28·95	28·95	28·99	28·99	28·99	28·99	28·99	28·99	28·99	28·97	28·97	28·97
27	29·20	29·23	29·25	29·28	29·33	29·34	29·37	29·39	29·42	29·43	29·47	29·48
28	29·54	29·53	29·53	29·53	29·51	29·51	29·49	29·48	29·47	29·45	29·44	29·42
29	29·16	29·12	29·10	29·08	29·07	29·05	29·03	29·01	28·98	28·96	28·94	28·92
30	28·73	28·73	28·72	28·73	28·74	28·74	28·76	28·77	28·80	28·80	28·81	28·82
31	28·82	28·83	28·84	28·83	28·83	28·81	28·79	28·78	28·77	28·74	28·73	28·75
Mean ...	29·239	29·237	29·236	29·237	29·235	29·231	29·230	29·228	29·224	29·220	29·225	29·225

—HOURLY VALUES.

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
29·44	29·44	29·44	29·44	29·43	29·44	29·44	29·45	29·46	29·45	29·45	29·46	29·451	1
29·51	29·50	29·52	29·55	29·55	29·56	29·56	29·58	29·58	29·58	29·58	29·58	29·516	2
29·53	29·53	29·54	29·54	29·53	29·53	29·53	29·53	29·54	29·53	29·52	29·53	29·539	3
29·44	29·41	29·40	29·37	29·36	29·35	29·33	29·31	29·30	29·31	29·27	29·26	29·421	4
29·28	29·29	29·30	29·32	29·33	29·33	29·33	29·34	29·37	29·39	29·42	29·44	29·301	5
29·70	29·72	29·74	29·75	29·78	29·81	29·83	29·84	29·84	29·84	29·83	29·83	29·674	6
29·79	29·78	29·77	29·76	29·75	29·73	29·73	29·71	29·70	29·70	29·70	29·69	29·775	7
29·70	29·70	29·70	29·71	29·71	29·72	29·73	29·74	29·73	29·72	29·70	29·69	29·699	8
29·65	29·65	29·65	29·65	29·65	29·66	29·68	29·68	29·68	29·67	29·67	29·67	29·659	9
29·69	29·69	29·67	29·67	29·66	29·66	29·66	29·65	29·64	29·64	29·63	29·63	29·669	10
29·53	29·55	29·54	29·54	29·54	29·54	29·54	29·53	29·53	29·54	29·54	29·53	29·555	11
29·58	29·59	29·59	29·57	29·56	29·56	29·54	29·53	29·52	29·50	29·49	29·47	29·548	12
29·24	29·22	29·19	29·16	29·14	29·12	29·10	29·07	29·05	29·02	29·00	28·97	29·243	13
28·82	28·81	28·80	28·80	28·80	28·79	28·79	28·79	28·79	28·80	28·80	28·79	28·840	14
28·67	28·67	28·67	28·67	28·67	28·66	28·65	28·65	28·65	28·65	28·66	28·66	28·701	15
28·99	29·02	29·04	29·08	29·10	29·12	29·14	29·15	29·18	29·20	29·24	29·26	28·943	16
29·34	29·32	29·32	29·32	29·33	29·32	29·30	29·30	29·28	29·26	29·24	29·23	29·315	17
29·17	29·18	29·18	29·20	29·21	29·22	29·24	29·25	29·27	29·28	29·29	29·31	29·201	18
29·49	29·50	29·51	29·51	29·51	29·50	29·50	29·48	29·47	29·45	29·44	29·43	29·445	19
29·18	29·16	29·15	29·14	29·13	29·14	29·13	29·13	29·15	29·15	29·16	29·15	29·225	20
29·00	29·00	28·98	28·96	28·94	28·93	28·92	28·91	28·90	28·90	28·91	28·92	29·007	21
28·99	29·00	29·01	29·03	29·03	29·04	29·05	29·06	29·07	29·07	29·07	29·07	28·990	22
28·99	28·99	28·99	28·96	28·95	28·94	28·91	28·89	28·87	28·83	28·79	28·75	28·984	23
28·36	28·34	28·33	28·31	28·29	28·28	28·27	28·26	28·26	28·27	28·27	28·29	28·411	24
28·55	28·56	28·58	28·61	28·66	28·72	28·79	28·82	28·87	28·85	28·90	28·93	28·570	25
28·96	28·97	28·97	28·98	28·99	29·02	29·04	29·06	29·11	29·14	29·16	29·19	29·014	26
29·51	29·52	29·54	29·53	29·55	29·54	29·55	29·53	29·54	29·55	29·55	29·55	29·444	27
29·40	29·37	29·35	29·33	29·32	29·30	29·28	29·25	29·23	29·22	29·19	29·18	29·388	28
28·89	28·89	28·85	28·84	28·83	28·83	28·81	28·78	28·77	28·76	28·74	28·73	28·923	29
28·83	28·85	28·86	28·87	28·87	28·89	28·90	28·90	28·88	28·87	28·85	28·84	28·815	30
28·74	28·73	28·73	28·73	28·73	28·71	28·71	28·72	28·71	28·72	28·79	28·79	28·764	31
29·225	29·224	29·223	29·223	29·223	29·223	29·225	29·222	29·224	29·221	29·222	29·220	29·227	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·80	28·82	28·84	28·85	28·85	28·84	28·84	28·87	28·90	28·92	28·97	28·99
2	29·05	29·05	29·06	29·06	29·05	29·05	29·05	29·05	29·07	29·08	29·10	29·12
3	29·25	29·25	29·24	29·26	29·25	29·25	29·24	29·25	29·24	29·25	29·26	29·25
4	29·22	29·22	29·22	29·22	29·21	29·21	29·19	29·18	29·16	29·15	29·14	29·14
5	28·98	28·97	28·95	28·94	28·94	28·93	28·92	28·90	28·88	28·88	28·89	28·89
6	28·89	28·89	28·89	28·90	28·91	28·93	28·94	28·96	28·95	28·95	28·96	28·98
7	29·11	29·12	29·12	29·11	29·11	29·11	29·09	29·07	29·06	29·03	29·02	29·00
8	28·89	28·87	28·86	28·84	28·84	28·84	28·85	28·84	28·83	28·85	28·86	28·89
9	28·93	28·94	28·95	28·94	28·94	28·94	28·94	28·93	28·93	28·92	28·91	28·91
10	28·80	28·80	28·78	28·78	28·78	28·77	28·76	28·77	28·76	28·76	28·77	28·79
11	28·87	28·87	28·91	28·93	28·95	28·97	28·98	28·99	29·00	29·01	29·03	29·03
12	29·10	29·10	29·07	29·08	29·05	29·05	29·05	29·04	29·04	29·05	29·05	29·06
13	29·19	29·20	29·20	29·20	29·21	29·22	29·22	29·23	29·24	29·24	29·25	29·26
14	29·24	29·22	29·22	29·22	29·21	29·21	29·20	29·19	29·18	29·18	29·18	29·18
15	29·12	29·12	29·12	29·13	29·13	29·13	29·12	29·13	29·14	29·13	29·12	29·11
16	29·02	29·02	29·01	29·00	28·99	28·98	28·98	28·97	28·95	28·96	28·97	28·97
17	29·04	29·04	29·06	29·06	29·08	29·09	29·09	29·10	29·12	29·11	29·11	29·16
18	29·35	29·36	29·38	29·40	29·42	29·43	29·44	29·49	29·50	29·53	29·55	29·57
19	29·80	29·81	29·80	29·81	29·82	29·81	29·80	29·79	29·78	29·77	29·75	29·75
20	29·49	29·47	29·45	29·42	29·39	29·36	29·34	29·31	29·30	29·27	29·25	29·23
21	29·20	29·20	29·19	29·20	29·20	29·19	29·18	29·18	29·19	29·17	29·16	29·15
22	28·85	28·82	28·80	28·79	28·75	28·74	28·73	28·68	28·67	28·66	28·65	28·65
23	28·76	28·77	28·78	28·79	28·79	28·79	28·79	28·79	28·79	28·79	28·81	28·81
24	28·88	28·89	28·90	28·90	28·91	28·90	28·89	28·90	28·89	28·91	28·91	28·90
25	29·04	29·05	29·06	29·08	29·08	29·08	29·07	29·07	29·08	29·07	29·09	29·09
26	28·95	28·95	28·92	28·91	28·90	28·88	28·87	28·86	28·86	28·86	28·87	28·87
27	29·06	29·08	29·10	29·11	29·13	29·14	29·15	29·15	29·15	29·16	29·20	29·23
28	29·52	29·53	29·55	29·54	29·56	29·57	29·57	29·57	29·58	29·58	29·58	29·59
29	29·54	29·54	29·53	29·51	29·52	29·52	29·52	29·53	29·50	29·50	29·51	29·51
30	29·36	29·34	29·33	29·32	29·30	29·29	29·26	29·25	29·23	29·21	29·18	29·17
Mean ...	29·110	29·110	29·110	29·110	29·109	29·107	29·102	29·101	29·099	29·098	29·103	29·108

—HOURLY VALUES.

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
28·99	28·99	29·00	28·99	29·01	29·03	29·05	29·05	29·05	29·05	29·05	29·05	28·950	Day. 1
29·13	29·14	29·16	29·16	29·18	29·20	29·22	29·24	29·24	29·24	29·24	29·24	29·133	2
29·25	29·27	29·25	29·25	29·25	29·24	29·25	29·25	29·25	29·23	29·22	29·21	29·246	3
29·13	29·13	29·12	29·10	29·07	29·07	29·04	29·02	29·01	29·00	28·98	28·98	29·121	4
28·89	28·87	28·86	28·86	28·86	28·87	28·86	28·85	28·86	28·86	28·89	28·89	28·895	5
29·00	29·00	29·02	29·03	29·04	29·06	29·09	29·09	29·09	29·11	29·12	29·12	28·997	6
29·00	28·99	28·99	28·98	28·97	28·96	28·96	28·95	28·94	28·92	28·90	28·89	29·017	7
28·93	28·93	28·93	28·93	28·95	28·94	28·94	28·93	28·93	28·93	28·92	28·93	28·894	8
28·90	28·89	28·89	28·88	28·87	28·86	28·85	28·83	28·84	28·83	28·81	28·80	28·893	9
28·80	28·81	28·83	28·83	28·84	28·86	28·86	28·85	28·86	28·87	28·87	28·87	28·811	10
29·03	29·06	29·09	29·09	29·10	29·11	29·11	29·11	29·11	29·11	29·11	29·10	29·028	11
29·06	29·06	29·07	29·09	29·09	29·10	29·12	29·12	29·13	29·14	29·16	29·18	29·086	12
29·26	29·27	29·26	29·25	29·25	29·25	29·25	29·25	29·25	29·24	29·24	29·21	29·236	13
29·17	29·17	29·16	29·18	29·16	29·16	29·15	29·15	29·15	29·15	29·14	29·13	29·179	14
29·10	29·10	29·09	29·11	29·09	29·09	29·09	29·08	29·08	29·06	29·05	29·04	29·103	15
28·98	28·98	28·98	28·98	28·99	28·99	28·99	29·00	29·01	29·03	29·04	29·04	28·993	16
29·20	29·21	29·22	29·22	29·24	29·26	29·25	29·27	29·29	29·31	29·33	29·35	29·175	17
29·57	29·60	29·63	29·66	29·66	29·70	29·73	29·75	29·77	29·78	29·79	29·80	29·578	18
29·74	29·71	29·69	29·67	29·66	29·65	29·62	29·59	29·58	29·56	29·53	29·51	29·708	19
29·21	29·20	29·19	29·18	29·18	29·18	29·19	29·19	29·20	29·19	29·19	29·19	29·274	20
29·13	29·11	29·10	29·08	29·06	29·05	29·02	29·01	28·98	28·94	28·92	28·88	29·104	21
28·65	28·66	28·67	28·67	28·68	28·69	28·72	28·73	28·74	28·74	28·75	28·75	28·718	22
28·82	28·81	28·81	28·83	28·84	28·84	28·86	28·87	28·88	28·87	28·87	28·88	28·818	23
28·90	28·92	28·93	28·93	28·94	28·94	28·95	28·96	28·97	28·99	29·01	29·03	28·927	24
29·11	29·11	29·10	29·07	29·05	29·05	29·03	29·00	29·98	28·98	28·98	28·97	29·054	25
28·89	28·89	28·92	28·92	28·93	28·96	28·97	28·99	29·00	29·02	29·04	29·05	28·928	26
29·24	29·23	29·25	29·27	29·29	29·33	29·35	29·39	29·42	29·45	29·47	29·50	29·244	27
29·60	29·59	29·60	29·58	29·58	29·58	29·56	29·55	29·56	29·56	29·54	29·55	29·566	28
29·51	29·49	29·48	29·46	29·44	29·43	29·12	29·42	29·40	29·10	29·38	29·37	29·476	29
29·15	29·14	29·12	29·11	29·08	29·06	29·04	29·03	29·00	28·99	28·97	28·95	29·162	30
29·111	29·111	29·114	29·112	29·112	29·117	29·118	29·117	29·119	29·118	29·117	29·116	29·110	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·94	28·93	28·92	28·91	28·90	28·88	28·87	28·86	28·84	28·85	28·85	28·87
2	29·13	29·18	29·21	29·25	29·28	29·30	29·30	29·35	29·37	29·40	29·41	29·43
3	29·52	29·51	29·50	29·50	29·49	29·47	29·45	29·47	29·44	29·42	29·40	29·39
4	29·22	29·22	29·20	29·20	29·20	29·17	29·18	29·18	29·19	29·19	29·20	29·21
5	29·10	29·09	29·08	29·05	29·04	29·03	29·01	29·00	28·99	28·97	28·95	28·94
6	28·81	28·80	28·80	28·79	28·79	28·78	28·75	28·75	28·73	28·73	28·72	28·71
7	28·84	28·87	28·90	28·92	28·96	28·98	29·00	29·03	29·06	29·09	29·12	29·14
8	29·36	29·36	29·36	29·35	29·35	29·35	29·35	29·34	29·33	29·31	29·30	29·30
9	29·34	29·36	29·36	29·36	29·36	29·36	29·33	29·31	29·30	29·28	29·29	29·26
10	29·06	29·05	29·04	29·03	29·02	29·02	29·01	28·98	28·97	28·96	28·94	28·93
11	28·81	28·79	28·78	28·76	28·75	28·74	28·73	28·71	28·70	28·71	28·69	28·67
12	28·69	28·67	28·67	28·67	28·68	28·70	28·71	28·71	28·71	28·72	28·73	28·71
13	28·81	28·82	28·82	28·79	28·77	28·75	28·77	28·76	28·76	28·75	28·75	28·75
14	28·63	28·63	28·63	28·63	28·63	28·63	28·62	28·62	28·61	28·62	28·64	28·65
15	28·81	28·82	28·84	28·86	28·85	28·86	28·86	28·89	28·91	28·92	28·93	28·94
16	28·86	28·85	28·82	28·81	28·81	28·79	28·79	28·79	28·79	28·79	28·80	28·80
17	28·84	28·84	28·84	28·85	28·85	28·87	28·88	28·88	28·90	28·92	28·93	28·95
18	29·13	29·13	29·15	29·16	29·17	29·17	29·17	29·17	29·19	29·20	29·20	29·20
19	29·14	29·13	29·13	29·12	29·12	29·10	29·07	29·04	29·03	29·03	29·01	29·00
20	28·87	28·87	28·86	28·84	28·83	28·83	28·80	28·77	28·74	28·72	28·71	28·68
21	28·56	28·58	28·59	28·60	28·60	28·62	28·62	28·64	28·64	28·64	28·66	28·66
22	28·74	28·78	28·75	28·75	28·77	28·79	28·80	28·84	28·86	28·90	28·95	28·99
23	29·22	29·23	29·23	29·22	29·22	29·23	29·24	29·25	29·25	29·27	29·27	29·28
24	29·42	29·42	29·42	29·43	29·44	29·45	29·45	29·44	29·41	29·41	29·41	29·40
25	29·24	29·23	29·23	29·22	29·20	29·20	29·19	29·18	29·16	29·16	29·16	29·16
26	29·27	29·28	29·29	29·30	29·31	29·32	29·35	29·36	29·38	29·40	29·40	29·44
27	29·52	29·52	29·52	29·51	29·51	29·51	29·51	29·50	29·51	29·50	29·50	29·50
28	29·53	29·51	29·50	29·50	29·50	29·49	29·49	29·49	29·49	29·48	29·48	29·47
29	29·42	29·40	29·42	29·41	29·41	29·41	29·41	29·41	29·43	29·43	29·41	29·40
30	29·30	29·29	29·26	29·24	29·20	29·19	29·16	29·14	29·13	29·12	29·11	29·09
31	29·19	29·20	29·22	29·23	29·26	29·27	29·30	29·34	29·36	29·37	29·39	29·41
Mean ...	29·075	29·076	29·076	29·073	29·073	29·070	29·072	29·071	29·070	29·072	29·075	29·075

—HOURLY VALUES.

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
28·87	28·89	28·91	28·93	28·94	28·96	28·99	29·01	29·03	29·05	29·08	29·11	28·933	Day. 1
29·45	29·48	29·49	29·51	29·52	29·52	29·54	29·55	29·55	29·54	29·52	29·52	29·408	2
29·37	29·35	29·33	29·30	29·29	29·28	29·28	29·27	29·26	29·23	29·22	29·21	29·373	3
29·20	29·19	29·17	29·16	29·15	29·14	29·14	29·14	29·14	29·13	29·12	29·11	29·173	4
28·93	28·91	28·90	28·88	28·87	28·86	28·85	28·84	28·83	28·82	28·81	28·80	28·940	5
28·70	28·70	28·72	28·72	28·73	28·73	28·74	28·75	28·77	28·78	28·80	28·82	28·755	6
29·16	29·19	29·22	29·24	29·25	29·27	29·28	29·31	29·33	29·35	29·36	29·35	29·134	7
29·31	29·32	29·32	29·32	29·33	29·34	29·34	29·35	29·37	29·38	29·36	29·35	29·340	8
29·25	29·23	29·21	29·19	29·17	29·16	29·14	29·12	29·11	29·10	29·09	29·08	29·240	9
28·91	28·91	28·90	28·89	28·88	28·88	28·87	28·87	28·86	28·84	28·83	28·83	28·937	10
28·66	28·67	28·67	28·66	28·66	28·67	28·66	28·64	28·65	28·65	28·67	28·68	28·699	11
28·72	28·71	28·73	28·75	28·76	28·76	28·77	28·77	28·78	28·77	28·78	28·78	28·727	12
28·76	28·78	28·77	28·76	28·74	28·72	28·70	28·69	28·67	28·66	28·65	28·64	28·743	13
28·66	28·67	28·67	28·68	28·69	28·69	28·70	28·72	28·73	28·75	28·77	28·79	28·670	14
28·95	28·96	28·95	28·94	28·95	28·94	28·92	28·92	28·92	28·92	28·90	28·89	28·902	15
28·78	28·78	28·77	28·76	28·77	28·79	28·79	28·81	28·82	28·82	28·82	28·82	28·801	16
28·96	28·98	28·99	29·02	29·02	29·03	29·04	29·06	29·08	29·09	29·11	29·13	28·961	17
29·20	29·20	29·19	29·19	29·19	29·18	29·18	29·18	29·18	29·17	29·16	29·15	29·175	18
28·99	28·98	28·97	28·96	28·95	28·94	28·94	28·93	28·93	28·92	28·91	28·89	29·010	19
28·65	28·64	28·62	28·60	28·58	28·56	28·53	28·52	28·53	28·55	28·56	28·56	28·684	20
28·66	28·65	28·66	28·66	28·67	28·67	28·67	28·68	28·68	28·70	28·70	28·70	28·646	21
29·04	29·06	29·10	29·11	29·13	29·13	29·16	29·16	29·18	29·20	29·21	29·23	28·985	22
29·28	29·27	29·29	29·29	29·31	29·34	29·35	29·41	29·43	29·44	29·43	29·43	29·299	23
29·38	29·37	29·35	29·33	29·31	29·31	29·30	29·29	29·28	29·27	29·25	29·25	29·366	24
29·16	29·16	29·17	29·18	29·17	29·18	29·20	29·21	29·23	29·24	29·24	29·25	29·197	25
29·46	29·48	29·50	29·51	29·51	29·51	29·51	29·53	29·53	29·52	29·52	29·52	29·425	26
29·51	29·51	29·51	29·51	29·51	29·51	29·52	29·53	29·53	29·53	29·52	29·53	29·514	27
29·47	29·46	29·45	29·44	29·44	29·44	29·43	29·45	29·45	29·44	29·41	29·44	29·470	28
29·38	29·37	29·36	29·39	29·38	29·38	29·38	29·37	29·36	29·36	29·34	29·32	29·390	29
29·08	29·06	29·07	29·08	29·07	29·08	29·11	29·12	29·12	29·14	29·16	29·17	29·145	30
29·42	29·43	29·44	29·41	29·41	29·44	29·44	29·45	29·45	29·45	29·45	29·46	29·369	31
29·075	29·076	29·078	29·078	29·077	29·078	29·080	29·086	29·090	29·091	29·090	29·091	29·078	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·45	29·45	29·45	29·44	29·44	29·44	29·44	29·43	29·42	29·42	29·42	29·42
2	29·03	28·99	28·99	28·96	28·94	28·92	28·91	28·91	28·89	28·89	28·88	28·89
3	28·93	28·95	28·96	28·97	28·96	28·96	28·96	28·96	28·94	28·94	28·96	28·96
4	29·10	29·10	29·11	29·11	29·11	29·12	29·12	29·11	29·11	29·11	29·11	29·10
5	29·15	29·17	29·17	29·17	29·18	29·18	29·19	29·18	29·19	29·19	29·19	29·20
6	29·34	29·34	29·37	29·39	29·40	29·38	29·42	29·43	29·44	29·45	29·45	29·47
7	29·58	29·58	29·59	29·58	29·57	29·56	29·57	29·56	29·56	29·54	29·53	29·53
8	29·36	29·34	29·32	29·29	29·28	29·25	29·23	29·19	29·17	29·14	29·12	29·12
9	29·08	29·06	29·05	29·04	29·00	29·01	28·99	28·98	28·96	28·97	28·97	28·98
10	28·98	28·98	28·97	28·98	28·98	28·97	28·97	28·97	28·99	29·00	29·02	29·02
11	29·12	29·13	29·16	29·17	29·19	29·20	29·22	29·22	29·25	29·25	29·26	29·26
12	29·30	29·28	29·28	29·30	29·30	29·30	29·30	29·28	29·26	29·25	29·24	29·22
13	29·14	29·14	29·14	29·14	29·14	29·14	29·14	29·15	29·17	29·18	29·19	29·19
14	29·16	29·16	29·14	29·13	29·13	29·10	29·10	29·07	29·05	29·03	29·02	29·01
15	29·06	29·07	29·10	29·13	29·15	29·17	29·20	29·21	29·25	29·28	29·30	29·32
16	29·36	29·34	29·32	29·30	29·30	29·27	29·25	29·24	29·23	29·22	29·21	29·21
17	29·14	29·14	29·14	29·12	29·13	29·11	29·09	29·07	29·06	29·06	29·07	29·07
18	29·15	29·16	29·16	29·17	29·17	29·17	29·17	29·18	29·20	29·21	29·21	29·23
19	29·25	29·27	29·25	29·23	29·23	29·22	29·22	29·24	29·24	29·24	29·24	29·25
20	29·27	29·27	29·29	29·31	29·28	29·25	29·27	29·28	29·27	29·27	29·29	29·32
21	29·27	29·26	29·26	29·26	29·25	29·25	29·25	29·25	29·26	29·26	29·26	29·26
22	29·12	29·10	29·11	29·11	29·10	29·17	29·19	29·19	29·17	29·17	29·19	29·22
23	29·11	29·08	29·04	29·01	29·00	28·97	28·96	28·97	29·03	29·09	29·15	29·18
24	29·21	29·21	29·19	29·18	29·17	29·17	29·15	29·15	29·14	29·18	29·18	29·16
25	29·11	29·11	29·12	29·12	29·12	29·11	29·09	29·08	29·05	29·04	29·04	29·04
26	29·07	29·07	29·05	29·04	29·05	29·05	29·06	29·05	29·06	29·07	29·07	29·06
27	29·30	29·32	29·31	29·32	29·34	29·37	29·40	29·45	29·48	29·50	29·53	29·54
28	29·71	29·69	29·69	29·67	29·66	29·65	29·63	29·61	29·60	29·58	29·56	29·55
29	29·46	29·45	29·44	29·43	29·42	29·41	29·41	29·39	29·38	29·37	29·37	29·36
30	29·08	29·06	29·04	29·04	29·01	28·98	28·96	28·92	28·92	28·91	28·90	28·89
31	28·65	28·64	28·65	28·64	28·65	28·65	28·68	28·71	28·73	28·77	28·80	28·83
Mean ...	29·195	29·191	29·189	29·186	29·182	29·178	29·179	29·175	29·177	29·180	29·185	29·189

—HOURLY VALUES.

1911.

Inches- reduced to 32° F., sea level and gravity at 45 .

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
29·39	29·38	29·34	29·31	29·28	29·25	29·21	29·17	29·13	29·12	29·08	29·04	29·330	Day. 1
28·89	28·89	28·90	28·91	28·91	28·91	28·92	28·92	28·92	28·94	28·93	28·93	28·924	2
28·98	28·99	29·00	29·02	29·02	29·02	29·06	29·06	29·07	29·08	29·09	29·09	28·997	3
29·10	29·10	29·10	29·09	29·09	29·09	29·10	29·10	29·11	29·12	29·13	29·14	29·108	4
29·20	29·17	29·17	29·16	29·18	29·19	29·20	29·20	29·25	29·29	29·29	29·32	29·199	5
29·48	29·49	29·50	29·51	29·53	29·54	29·55	29·56	29·57	29·57	29·58	29·58	29·473	6
29·52	29·52	29·50	29·49	29·47	29·46	29·44	29·42	29·42	29·41	29·40	29·37	29·507	7
29·10	29·09	29·07	29·07	29·06	29·07	29·08	29·10	29·09	29·09	29·08	29·08	29·158	8
28·98	28·98	28·98	28·99	28·99	28·98	28·97	28·95	28·96	28·97	28·98	28·98	28·992	9
29·04	29·04	29·05	29·05	29·06	29·06	29·08	29·08	29·09	29·11	29·11	29·12	29·030	10
29·25	29·26	29·27	29·27	29·29	29·30	29·30	29·30	29·31	29·32	29·31	29·32	29·247	11
29·21	29·21	29·20	29·19	29·19	29·18	29·17	29·16	29·16	29·16	29·16	29·15	29·227	12
29·19	29·19	29·20	29·20	29·20	29·20	29·20	29·20	29·20	29·20	29·19	29·18	29·175	13
29·00	29·00	28·99	28·99	28·99	29·00	29·00	29·01	29·02	29·02	29·03	29·04	29·050	14
29·34	29·37	29·37	29·39	29·40	29·40	29·41	29·41	29·41	29·39	29·38	29·37	29·287	15
29·21	29·21	29·21	29·21	29·19	29·19	29·18	29·17	29·18	29·16	29·16	29·15	29·228	16
29·07	29·07	29·07	29·07	29·08	29·10	29·11	29·11	29·12	29·13	29·14	29·14	29·100	17
29·22	29·22	29·22	29·22	29·22	29·23	29·25	29·25	29·25	29·25	29·26	29·26	29·210	18
29·26	29·26	29·27	29·26	29·28	29·27	29·28	29·29	29·29	29·28	29·27	29·27	29·257	19
29·32	29·30	29·28	29·28	29·27	29·28	29·29	29·28	29·29	29·29	29·27	29·27	29·283	20
29·25	29·25	29·24	29·23	29·23	29·21	29·19	29·18	29·16	29·15	29·15	29·10	29·226	21
29·23	29·24	29·24	29·23	29·25	29·25	29·25	29·23	29·22	29·20	29·16	29·14	29·191	22
29·23	29·26	29·40	29·31	29·30	29·28	29·26	29·25	29·29	29·25	29·26	29·21	29·159	23
29·15	29·12	29·10	29·09	29·09	29·08	29·07	29·08	29·09	29·10	29·11	29·11	29·137	24
29·04	29·04	29·05	29·05	29·05	29·07	29·08	29·08	29·07	29·07	29·08	29·08	29·075	25
29·06	29·08	29·09	29·11	29·13	29·14	29·15	29·18	29·21	29·21	29·25	29·27	29·109	26
29·55	29·55	29·59	29·59	29·62	29·64	29·66	29·67	29·69	29·70	29·72	29·71	29·523	27
29·54	29·53	29·52	29·52	29·53	29·52	29·52	29·51	29·51	29·50	29·49	29·17	29·573	28
29·35	29·34	29·33	29·33	29·31	29·29	29·26	29·24	29·20	29·18	29·15	29·11	29·333	29
28·87	28·86	28·84	28·82	28·80	28·76	28·74	28·71	28·70	28·69	28·66	28·65	28·867	30
28·85	28·87	28·91	28·94	28·92	28·95	29·00	29·03	29·08	29·12	29·13	29·13	28·847	31
29·189	29·190	29·190	29·190	29·191	29·191	29·193	29·190	29·196	29·197	29·194	29·187	29·188	

SEPTEMBER,

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·15	29·16	29·19	29·20	29·22	29·23	29·24	29·25	29·26	29·28	29·31	29·32
2	29·26	29·25	29·24	29·23	29·23	29·23	29·23	29·23	29·22	29·22	29·23	29·22
3	29·19	29·19	29·19	29·19	29·19	29·19	29·20	29·20	29·19	29·20	29·20	29·20
4	29·23	29·23	29·23	29·23	29·22	29·22	29·21	29·22	29·22	29·21	29·21	29·20
5	29·08	29·08	29·07	29·04	29·01	29·00	28·99	28·97	28·96	28·94	28·91	28·91
6	29·03	29·04	29·07	29·07	29·07	29·09	29·10	29·12	29·14	29·17	29·19	29·18
7	29·39	29·41	29·45	29·46	29·49	29·51	29·51	29·53	29·55	29·56	29·58	29·58
8	29·70	29·70	29·69	29·67	29·67	29·66	29·67	29·66	29·64	29·63	29·61	29·60
9	29·36	29·33	29·30	29·28	29·25	29·24	29·23	29·20	29·20	29·19	29·18	29·18
10	29·16	29·16	29·15	29·17	29·17	29·18	29·18	29·19	29·19	29·20	29·22	29·23
11	29·27	29·27	29·27	29·26	29·26	29·26	29·26	29·24	29·23	29·23	29·22	29·21
12	29·08	29·08	29·08	29·08	29·05	29·05	29·04	29·03	29·02	29·03	29·03	29·03
13	28·99	28·99	28·99	28·99	28·99	28·98	28·98	28·98	28·97	28·97	28·98	28·97
14	28·91	28·91	28·90	28·89	28·88	28·87	28·88	28·88	28·87	28·88	28·89	28·90
15	28·99	29·00	29·00	29·01	29·01	29·01	29·02	29·04	29·06	29·07	29·10	29·11
16	29·28	29·28	29·29	29·29	29·29	29·29	29·29	29·28	29·28	29·28	29·27	29·26
17	29·18	29·18	29·18	29·19	29·18	29·17	29·17	29·17	29·14	29·12	29·13	29·13
18	29·05	29·05	29·04	29·03	29·02	29·01	28·98	28·98	28·98	28·98	28·98	28·97
19	29·10	29·12	29·13	29·16	29·18	29·20	29·22	29·26	29·28	29·29	29·31	29·33
20	29·35	29·35	29·34	29·33	29·33	29·33	29·32	29·32	29·32	29·35	29·35	29·36
21	29·46	29·49	29·50	29·50	29·49	29·49	29·48	29·49	29·49	29·50	29·51	29·52
22	29·74	29·78	29·78	29·81	29·80	29·79	29·78	29·79	29·81	29·81	29·82	29·82
23	29·76	29·75	29·73	29·71	29·68	29·67	29·65	29·61	29·56	29·54	29·49	29·46
24	29·22	29·21	29·19	29·19	29·16	29·14	29·11	29·08	29·06	29·04	29·02	28·99
25	28·82	28·81	28·82	28·82	28·81	28·81	28·81	28·80	28·81	28·81	28·82	28·83
26	28·81	28·81	28·82	28·81	28·81	28·82	28·82	28·81	28·76	28·77	28·79	28·76
27	28·87	28·86	28·86	28·88	28·89	28·91	28·90	28·93	28·94	28·95	28·98	28·99
28	29·03	29·01	28·99	28·98	28·99	28·99	29·99	29·00	29·03	29·03	29·01	28·98
29	28·93	28·92	28·91	28·91	28·90	28·90	28·90	28·89	28·87	28·87	28·87	28·87
30	28·79	28·78	28·77	28·76	28·73	28·71	28·69	28·66	28·64	28·63	28·59	28·58
Mean	29·173	29·173	29·172	29·171	29·166	29·165	29·162	29·160	29·156	29·158	29·160	29·156

1911.

Inches—reduced to 32° F., sea level and gravity at 45 .

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
29·33	29·34	29·33	29·32	29·31	29·31	29·31	29·30	29·30	29·29	29·28	29·27	29·271	Day. 1
29·21	29·20	29·20	29·21	29·20	29·20	29·19	29·20	29·20	29·20	29·19	29·19	29·216	2
29·20	29·20	29·20	29·21	29·22	29·22	29·23	29·24	29·24	29·24	29·24	29·24	29·209	3
29·19	29·18	29·17	29·17	29·16	29·15	29·14	29·14	29·13	29·12	29·11	29·10	29·183	4
28·91	28·89	28·90	28·90	28·91	28·92	28·93	28·94	28·95	28·97	28·98	29·01	28·965	5
29·21	29·23	29·27	29·29	29·29	29·29	29·29	29·30	29·33	29·33	29·34	29·37	29·200	6
29·61	29·62	29·64	29·62	29·61	29·62	29·63	29·65	29·66	29·70	29·71	29·72	29·575	7
29·59	29·58	29·57	29·56	29·54	29·51	29·48	29·48	29·44	29·42	29·40	29·37	29·577	8
29·17	29·17	29·15	29·14	29·14	29·14	29·14	29·14	29·14	29·15	29·15	29·15	29·197	9
29·23	29·24	29·24	29·24	29·25	29·25	29·26	29·27	29·28	29·28	29·28	29·27	29·220	10
29·20	29·19	29·18	29·17	29·17	29·16	29·15	29·13	29·12	29·11	29·08	29·08	29·197	11
29·02	29·02	29·00	28·99	28·98	28·98	28·99	28·99	28·99	28·99	29·00	29·00	29·023	12
28·97	28·98	28·98	28·99	28·98	28·98	28·98	28·98	28·98	28·97	28·95	28·94	28·978	13
28·90	28·90	28·91	28·92	28·93	28·94	28·95	28·96	28·96	28·97	28·98	28·98	28·915	14
29·13	29·14	29·15	29·17	29·18	29·20	29·21	29·22	29·25	29·25	29·27	29·27	29·119	15
29·25	29·26	29·25	29·25	29·24	29·22	29·22	29·22	29·20	29·19	29·18	29·18	29·252	16
29·13	29·11	29·11	29·11	29·11	29·11	29·09	29·07	29·05	29·03	29·04	29·06	29·123	17
28·97	28·96	28·96	28·96	28·97	28·98	29·00	29·02	29·03	29·03	29·05	29·07	29·003	18
29·35	29·35	29·36	29·38	29·37	29·38	29·38	29·38	29·37	29·36	29·35	29·36	29·290	19
29·37	29·37	29·38	29·37	29·38	29·38	29·40	29·43	29·44	29·44	29·45	29·45	29·371	20
29·53	29·53	29·54	29·54	29·53	29·55	29·59	29·60	29·61	29·63	29·68	29·70	29·540	21
29·82	29·83	29·85	29·84	29·83	29·82	29·83	29·83	29·82	29·81	29·78	29·77	29·807	22
29·40	29·37	29·34	29·36	29·36	29·32	29·28	29·27	29·24	29·23	29·23	29·22	29·468	23
28·97	28·95	28·92	28·92	28·89	28·87	28·84	28·82	28·83	28·83	28·82	28·82	28·995	24
28·82	28·82	28·83	28·83	28·81	28·81	28·81	28·80	28·82	28·80	28·81	28·80	28·814	25
28·79	28·77	28·78	28·79	28·79	28·79	28·83	28·83	28·83	28·84	28·86	28·87	28·807	26
28·99	28·98	28·97	28·98	28·99	28·97	28·98	28·97	28·99	29·01	29·02	29·02	28·951	27
28·99	29·00	28·98	28·99	28·94	28·95	28·97	28·95	28·95	28·94	28·94	28·93	28·982	28
28·87	28·86	28·85	28·83	28·84	28·83	28·83	28·83	28·82	28·82	28·81	28·81	28·864	29
28·55	28·53	28·52	28·51	28·47	28·43	28·42	28·39	28·35	28·31	28·29	28·27	28·557	30
29·156	29·152	29·151	29·152	29·146	29·143	29·145	29·145	29·144	29·142	29·142	29·143	29·156	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·26	28·25	28·23	28·22	28·22	28·21	28·20	28·20	28·20	28·21	28·21	28·22
2	28·53	28·56	28·63	28·68	28·70	28·74	28·75	28·77	28·82	28·87	28·91	28·93
3	28·92	28·90	28·90	28·88	28·86	28·85	28·85	28·84	28·82	28·82	28·80	28·79
4	28·66	28·66	28·67	28·67	28·68	28·68	28·68	28·68	28·66	28·66	28·66	28·66
5	28·67	28·67	28·66	28·64	28·66	28·66	28·66	28·64	28·63	28·61	28·61	28·59
6	28·43	28·43	28·41	28·38	28·38	28·37	28·36	28·36	28·36	28·38	28·39	28·41
7	28·49	28·49	28·49	28·49	28·49	28·49	28·49	28·49	28·49	28·49	28·50	28·51
8	28·67	28·68	28·68	28·69	28·69	28·71	28·71	28·74	28·74	28·75	28·76	28·76
9	28·68	28·67	28·67	28·66	28·66	28·65	28·64	28·64	28·64	28·64	28·65	28·65
10	28·73	28·73	28·76	28·79	28·79	28·81	28·81	28·83	28·83	28·83	28·83	28·85
11	28·80	28·81	28·82	28·84	28·86	28·86	28·86	28·86	28·86	28·86	28·87	28·88
12	28·96	28·96	28·96	28·98	28·98	28·98	28·97	28·97	28·97	28·98	28·98	28·98
13	29·09	29·11	29·11	29·13	29·14	29·16	29·19	29·22	29·26	29·29	29·34	29·38
14	29·66	29·67	29·69	29·68	29·69	29·69	29·70	29·73	29·73	29·74	29·75	29·74
15	29·57	29·53	29·51	29·48	29·45	29·41	29·37	29·33	29·32	29·29	29·26	29·22
16	29·08	29·07	29·06	29·03	29·02	29·02	29·01	28·97	28·97	28·95	28·94	28·91
17	28·71	28·71	28·71	28·71	28·70	28·69	28·70	28·69	28·70	28·70	28·70	28·71
18	28·84	28·84	28·85	28·84	28·83	28·83	28·83	28·85	28·87	28·88	28·89	28·89
19	28·99	28·97	28·96	28·95	28·95	28·94	28·91	28·91	28·88	28·88	28·83	28·82
20	28·62	28·62	28·60	28·60	28·60	28·60	28·60	28·61	28·62	28·62	28·63	28·63
21	28·86	28·87	28·89	28·91	28·93	28·94	28·93	28·93	28·93	28·94	28·93	28·92
22	28·62	28·61	28·59	28·58	28·58	28·58	28·58	28·57	28·58	28·59	28·60	28·61
23	28·79	28·79	28·80	28·80	28·80	28·78	28·78	28·77	28·76	28·74	28·73	28·70
24	28·43	28·42	28·40	28·39	28·39	28·39	28·41	28·42	28·45	28·47	28·48	28·49
25	28·74	28·74	28·74	28·77	28·80	28·83	28·90	28·91	28·91	28·91	28·92	28·92
26	28·81	28·80	28·80	28·78	28·78	28·77	28·76	28·75	28·76	28·76	28·77	28·77
27	28·98	28·99	29·00	29·02	29·04	29·04	29·05	29·06	29·08	29·08	29·08	29·08
28	28·99	28·97	28·96	28·93	28·92	28·91	28·89	28·88	28·87	28·88	28·89	28·89
29	28·74	28·72	28·71	28·70	28·68	28·68	28·66	28·66	28·65	28·65	28·64	28·64
30	28·74	28·75	28·76	28·77	28·78	28·79	28·80	28·81	28·83	28·87	28·90	28·90
31	29·16	29·18	29·20	29·21	29·23	29·24	29·26	29·25	29·26	29·24	29·24	29·22
Mean ...	28·814	28·812	28·814	28·813	28·816	28·817	28·817	28·818	28·821	28·825	28·829	28·828

—HOURLY VALUES.

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
28·23	28·24	28·27	28·29	28·31	28·34	28·36	28·40	28·43	28·45	28·48	28·49	28·288	1
28·94	28·95	28·96	28·97	28·99	29·00	29·00	29·00	28·99	28·98	28·94	28·93	28·856	2
28·77	28·74	28·72	28·72	28·71	28·71	28·70	28·70	28·71	28·70	28·67	28·66	28·781	3
28·65	28·65	28·63	28·63	28·62	28·62	28·63	28·63	28·64	28·65	28·66	28·67	28·654	4
28·58	28·57	28·56	28·56	28·53	28·52	28·52	28·50	28·50	28·48	28·47	28·46	28·581	5
28·42	28·43	28·44	28·46	28·46	28·47	28·47	28·48	28·48	28·48	28·48	28·49	28·426	6
28·51	28·51	28·53	28·54	28·56	28·58	28·60	28·62	28·62	28·64	28·65	28·65	28·538	7
28·74	28·74	28·75	28·73	28·73	28·72	28·71	28·70	28·70	28·68	28·68	28·68	28·714	8
28·64	28·64	28·65	28·66	28·68	28·69	28·71	28·72	28·72	28·72	28·72	28·73	28·672	9
28·84	28·83	28·83	28·84	28·83	28·84	28·85	28·82	28·82	28·82	28·81	28·80	28·813	10
28·88	28·87	28·87	28·88	28·88	28·90	28·90	28·91	28·93	28·94	28·94	28·95	28·880	11
28·99	28·97	28·96	28·95	28·98	28·98	29·00	29·00	29·00	29·02	29·03	29·08	28·985	12
29·41	29·43	29·45	29·48	29·49	29·53	29·55	29·58	29·59	29·60	29·62	29·65	29·367	13
29·75	29·75	29·75	29·76	29·74	29·73	29·71	29·68	29·66	29·64	29·63	29·60	29·703	14
29·19	29·16	29·17	29·16	29·11	29·09	29·10	29·11	29·07	29·06	29·07	29·07	29·254	15
28·90	28·89	28·86	28·83	28·81	28·79	28·78	28·76	28·75	28·75	28·74	28·72	28·900	16
28·71	28·73	28·74	28·75	28·76	28·78	28·80	28·82	28·83	28·83	28·84	28·85	28·745	17
28·90	28·90	28·88	28·89	28·91	28·93	28·95	28·96	28·96	28·95	28·97	28·99	28·893	18
28·81	28·77	28·74	28·72	28·71	28·69	28·69	28·68	28·66	28·65	28·64	28·62	28·807	19
28·65	28·67	28·68	28·70	28·72	28·75	28·78	28·80	28·83	28·85	28·86	28·87	28·688	20
28·91	28·88	28·84	28·81	28·79	28·77	28·74	28·72	28·68	28·65	28·64	28·63	28·835	21
28·62	28·65	28·66	28·67	28·68	28·69	28·71	28·72	28·74	28·76	28·78	28·78	28·648	22
28·69	28·67	28·64	28·61	28·59	28·56	28·54	28·52	28·49	28·47	28·46	28·44	28·663	23
28·51	28·52	28·54	28·55	28·55	28·58	28·60	28·63	28·65	28·69	28·72	28·73	28·517	24
28·93	28·92	28·91	28·90	28·89	28·89	28·87	28·87	28·85	28·83	28·83	28·82	28·858	25
28·78	28·80	28·81	28·82	28·82	28·84	28·85	28·87	28·90	28·91	28·94	28·96	28·817	26
29·08	29·08	29·07	29·07	29·07	29·06	29·05	29·05	29·05	29·03	29·02	29·01	29·048	27
28·88	28·87	28·85	28·83	28·82	28·80	28·79	28·79	28·79	28·77	28·77	28·75	28·862	28
28·64	28·63	28·63	28·63	28·64	28·65	28·66	28·67	28·69	28·71	28·72	28·74	28·673	29
28·94	28·95	28·98	29·00	29·02	29·04	29·05	29·08	29·09	29·10	29·13	29·15	28·926	30
29·20	29·18	29·18	29·15	29·13	29·12	29·11	29·10	29·08	29·06	29·04	29·01	29·169	31
28·829	28·826	28·824	28·825	28·824	28·828	28·831	28·835	28·836	28·835	28·837	28·838	28·825	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·00	28·98	28·98	28·98	29·00	29·01	29·04	29·07	29·10	29·12	29·15	29·19
2	29·57	29·59	29·59	29·61	29·61	29·63	29·64	29·64	29·64	29·64	29·63	29·63
3	29·57	29·57	29·56	29·56	29·56	29·56	29·55	29·55	29·53	29·52	29·50	29·50
4	29·38	29·38	29·38	29·40	29·41	29·43	29·46	29·48	29·51	29·52	29·54	29·56
5	29·78	29·77	29·77	29·77	29·77	29·77	29·76	29·75	29·73	29·72	29·72	29·72
6	29·62	29·59	29·58	29·58	29·56	29·54	29·53	29·53	29·51	29·50	29·49	29·48
7	29·46	29·46	29·45	29·45	29·45	29·47	29·46	29·46	29·48	29·47	29·49	29·49
8	29·54	29·54	29·52	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53
9	29·38	29·35	29·34	29·33	29·33	29·33	29·32	29·31	29·30	29·30	29·30	29·29
10	29·27	29·27	29·27	29·26	29·28	29·28	29·29	29·30	29·31	29·33	29·35	29·37
11	29·43	29·43	29·43	29·43	29·43	29·43	29·42	29·42	29·41	29·42	29·42	29·41
12	29·39	29·38	29·38	29·38	29·38	29·38	29·38	29·38	29·38	29·38	29·38	29·39
13	29·46	29·46	29·46	29·47	29·47	29·47	29·47	29·48	29·48	29·48	29·48	29·47
14	29·48	29·48	29·48	29·48	29·48	29·49	29·50	29·49	29·50	29·50	29·50	29·51
15	29·52	29·52	29·52	29·53	29·53	29·54	29·55	29·57	29·58	29·59	29·59	29·60
16	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·64	29·64	29·65	29·66
17	29·60	29·59	29·57	29·57	29·57	29·57	29·57	29·57	29·56	29·57	29·57	29·57
18	29·57	29·57	29·57	29·67	29·57	29·58	29·58	29·59	29·60	29·60	29·60	29·62
19	29·65	29·65	29·65	29·65	29·65	29·65	29·65	29·66	29·66	29·66	29·66	29·66
20	29·70	29·70	29·70	29·70	29·71	29·72	29·74	29·74	29·74	29·76	29·77	29·78
21	29·96	29·97	29·97	29·98	29·99	29·99	29·99	29·99	30·00	29·99	29·98	29·97
22	29·91	29·91	29·89	29·88	29·88	29·88	29·87	29·87	29·86	29·86	29·86	29·86
23	29·90	29·90	29·89	29·89	29·90	29·90	29·90	29·91	29·91	29·92	29·93	29·94
24	30·13	30·13	30·13	30·13	30·14	30·14	30·14	30·14	30·15	30·14	30·15	30·14
25	30·01	30·00	29·98	29·97	29·95	29·93	29·92	29·91	29·90	29·87	29·87	29 85
26	29·64	29·62	29·61	29·59	29·57	29·56	29·55	29·54	29·53	29·53	29·53	29·53
27	29·52	29·52	29·52	29·53	29·54	29·57	29·58	29·59	29·60	29·62	29·64	29·65
28	29·77	29·78	29·79	29·80	29·81	29·82	29·83	29·84	29·85	29·86	29·86	29·87
29	29·86	29·85	29·85	29·84	29·84	29·83	29·83	29·83	29·83	29·82	29·82	29·82
30	29·83	29·83	29·83	29·83	29·83	29·84	29·85	29·85	29·86	29·87	29·87	29·87
Mean	29·618	29·614	29·610	29·611	29·612	29·616	29·618	29·621	29·623	29·624	29·627	29·631

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·23	29·25	29·27	29·31	29·34	29·38	29·41	29·44	29·47	29·50	29·53	29·56	29·221	1
29·62	29·63	29·63	29·63	29·62	29·63	29·63	29·62	29·61	29·60	29·59	29·58	29·617	2
29·49	29·48	29·46	29·44	29·43	29·42	29·41	29·41	29·40	29·39	29·38	29·38	29·484	3
29·58	29·60	29·62	29·64	29·66	29·68	29·69	29·72	29·74	29·76	29·78	29·78	29·571	4
29·72	29·71	29·68	29·67	29·66	29·65	29·64	29·65	29·65	29·65	29·64	29·62	29·707	5
29·48	29·47	29·46	29·46	29·45	29·45	29·45	29·45	29·45	29·46	29·46	29·45	29·500	6
29·48	29·47	29·49	29·50	29·51	29·52	29·52	29·52	29·52	29·53	29·54	29·55	29·489	7
29·51	29·51	29·51	29·51	29·50	29·49	29·48	29·48	29·46	29·44	29·43	29·40	29·504	8
29·28	29·28	29·28	29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·298	9
29·38	29·39	29·39	29·41	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·358	10
29·41	29·40	29·40	29·39,	29·39	29·39	29·39	29·39	29·39	29·39	29·39	29·39	29·408	11
29·40	29·41	29·41	29·42	29·42	29·42	29·43	29·44	29·45	29·44	29·45	29·46	29·405	12
29·48	29·48	29·48	29·48	29·48	29·49	29·49	29·50	29·50	29·50	29·50	29·49	29·480	13
29·50	29·50	29·50	29·50	29·50	29·50	29·50	29·50	29·51	29·52	29·52	29·52	29·498	14
29·60	29·60	29·60	29·61	29·62	29·62	29·63	29·63	29·63	29·64	29·64	29·63	29·587	15
29·66	29·66	29·66	29·64	29·63	29·63	29·63	29·62	29·62	29·62	29·62	29·61	29·635	16
29·57	29·57	29·57	29·56	29·55	29·55	29·56	29·57	29·57	29·57	29·57	29·57	29·569	17
29·63	29·63	29·63	29·62	29·63	29·63	29·64	29·63	29·64	29·64	29·65	29·65	29·610	18
29·66	29·67	29·68	29·68	29·67	29·67	29·68	29·69	29·69	29·69	29·69	29·70	29·668	19
29·79	29·81	29·83	29·85	29·86	29·88	29·90	29·92	29·93	29·93	29·94	29·95	29·806	20
29·96	29·96	29·96	29·95	29·95	29·94	29·93	29·92	29·92	29·92	29·91	29·91	29·959	21
29·88	29·88	29·88	29·88	29·90	29·90	29·90	29·90	29·90	29·90	29·90	29·90	29·885	22
29·96	29·98	29·99	30·01	30·02	30·03	30·04	30·07	30·08	30·09	30·10	30·11	29·974	23
30·14	30·13	30·13	30·12	30·11	30·10	30·09	30·08	30·07	30·05	30·05	30·03	30·115	24
29·83	29·82	29·80	29·78	29·77	29·75	29·73	29·71	29·70	29·69	29·67	29·65	29·836	25
29·51	29·50	29·50	29·50	29·49	29·48	29·49	29·49	29·49	29·50	29·50	29·51	29·532	26
29·66	29·67	29·69	29·69	29·70	29·71	29·72	29·73	29·73	29·75	29·76	29·77	29·632	27
29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·86	29·846	28
29·81	29·81	29·80	29·80	29·81	29·81	29·81	29·81	29·82	29·82	29·83	29·82	29·824	29
29·88	29·88	29·88	29·88	29·89	29·89	29·90	29·90	29·91	29·92	29·92	29·92	29·872	30
29·632	29·634	29·635	29·637	29·638	29·639	29·642	29·645	29·647	29·649	29·651	29·649	29·630	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·92	29·92	29·92	29·91	29·91	29·91	29·91	29·91	29·90	29·90	29·90	29·90
2	29·86	29·86	29·85	29·84	29·84	29·83	29·83	29·83	29·82	29·82	29·81	29·81
3	29·71	29·70	29·69	29·69	29·69	29·69	29·69	29·69	29·68	29·69	29·70	29·70
4	29·64	29·64	29·65	29·68	29·70	29·72	29·75	29·78	29·82	29·85	29·90	29·91
5	29·86	29·83	29·80	29·76	29·73	29·70	29·66	29·62	29·58	29·55	29·51	29·47
6	29·10	29·09	29·09	29·08	29·08	29·09	29·10	29·13	29·15	29·17	29·17	29·20
7	29·40	29·40	29·40	29·40	29·39	29·39	29·39	29·39	29·41	29·42	29·46	29·47
8	29·79	29·81	29·84	29·85	29·88	29·90	29·93	29·94	29·97	29·99	30·01	30·03
9	30·01	30·00	30·00	30·00	29·97	29·96	29·95	29·93	29·91	29·92	29·92	29·91
10	29·76	29·74	29·72	29·71	29·69	29·69	29·67	29·68	29·68	29·67	29·68	29·68
11	29·62	29·60	29·58	29·56	29·55	29·55	29·55	29·54	29·55	29·55	29·55	29·55
12	29·67	29·67	29·68	29·69	29·69	29·69	29·72	29·72	29·75	29·73	29·73	29·73
13	29·73	29·73	29·71	29·70	29·69	29·69	29·69	29·68	29·67	29·67	29·67	29·67
14	29·59	29·58	29·58	29·57	29·57	29·58	29·57	29·57	29·57	29·57	29·55	29·53
15	29·47	29·47	29·44	29·44	29·45	29·47	29·47	29·47	29·46	29·45	29·46	29·46
16	29·57	29·58	29·60	29·62	29·65	29·68	29·70	29·74	29·79	29·81	29·82	29·82
17	29·87	29·87	29·87	29·86	29·86	29·84	29·83	29·81	29·80	29·79	29·80	29·79
18	29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·76
19	29·78	29·78	29·78	29·79	29·79	29·79	29·79	29·79	29·79	29·79	29·80	29·80
20	29·75	29·74	29·73	29·72	29·72	29·72	29·72	29·71	29·71	29·71	29·71	29·72
21	29·75	29·75	29·75	29·77	29·77	29·77	29·77	29·78	29·79	29·80	29·81	29·81
22	29·85	29·85	29·86	29·88	29·89	29·89	29·89	29·89	29·90	29·90	29·90	29·90
23	29·92	29·92	29·92	29·92	29·92	29·93	29·93	29·94	29·94	29·95	29·95	29·95
24	29·97	29·97	29·96	29·96	29·96	29·96	29·96	29·96	29·96	29·96	29·96	29·96
25	29·92	29·91	29·91	29·90	29·90	29·90	29·89	29·89	29·88	29·88	29·88	29·87
26	29·87	29·86	29·86	29·86	29·86	29·86	29·86	29·87	29·87	29·88	29·88	29·89
27	29·93	29·94	29·94	29·95	29·96	29·96	29·97	29·98	29·98	29·98	29·99	29·99
28	29·96	29·96	29·94	29·93	29·92	29·91	29·91	29·90	29·90	29·89	29·89	29·88
29	29·80	29·80	29·79	29·78	29·78	29·78	29·77	29·76	29·76	29·76	29·77	29·76
30	29·77	29·77	29·77	29·77	29·77	29·78	29·78	29·78	29·79	29·79	29·79	29·80
31	29·77	29·77	29·77	29·76	29·76	29·76	29·76	29·76	29·76	29·76	29·76	29·76
Mean ...	29·754	29·750	29·747	29·745	29·745	29·747	29·747	29·748	29·751	29·753	29·758	29·758

1911.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·89	29·89	29·88	29·87	29·87	29·87	29·87	29·88	29·87	29·87	29·87	29·87	29·892	1
29·81	29·80	29·80	29·80	29·79	29·78	29·78	29·77	29·75	29·74	29·74	29·73	29·804	2
29·70	29·70	29·70	29·69	29·69	29·69	29·69	29·69	29·68	29·67	29·65	29·65	29·688	3
29·94	29·96	29·97	29·97	29·97	29·97	29·97	29·96	29·95	29·93	29·91	29·89	29·851	4
29·44	29·40	29·36	29·31	29·26	29·23	29·20	29·17	29·15	29·12	29·12	29·12	29·456	5
29·21	29·21	29·22	29·24	29·26	29·29	29·32	29·34	29·36	29·37	29·39	29·39	29·210	6
29·50	29·52	29·56	29·58	29·60	29·62	29·64	29·67	29·68	29·70	29·74	29·76	29·520	7
30·03	30·04	30·04	30·03	30·03	30·03	30·04	30·04	30·03	30·03	30·03	30·02	29·972	8
29·90	29·89	29·87	29·85	29·84	29·85	29·84	29·82	29·80	29·79	29·79	29·76	29·895	9
29·69	29·69	29·71	29·70	29·70	29·69	29·69	29·69	29·67	29·67	29·66	29·64	29·690	10
29·55	29·55	29·55	29·55	29·58	29·58	29·59	29·60	29·60	29·61	29·64	29·65	29·575	11
29·72	29·72	29·72	29·72	29·74	29·74	29·74	29·74	29·74	29·74	29·74	29·74	29·720	12
29·67	29·67	29·65	29·64	29·63	29·64	29·62	29·62	29·62	29·62	29·62	29·61	29·663	13
29·52	29·51	29·50	29·50	29·49	29·48	29·46	29·46	29·46	29·47	29·47	29·47	29·526	14
29·46	29·46	29·46	29·45	29·45	29·45	29·46	29·47	29·48	29·50	29·52	29·55	29·468	15
29·82	29·83	29·84	29·85	29·85	29·86	29·87	29·87	29·87	29·87	29·87	29·87	29·777	16
29·78	29·77	29·77	29·76	29·76	29·76	29·76	29·76	29·76	29·75	29·75	29·74	29·796	17
29·75	29·75	29·75	29·75	29·75	29·75	29·75	29·76	29·76	29·76	29·77	29·77	29·753	18
29·80	29·80	29·79	29·79	29·78	29·78	29·77	29·77	29·77	29·75	29·75	29·75	29·782	19
29·72	29·72	29·72	29·72	29·73	29·73	29·73	29·74	29·74	29·75	29·75	29·75	29·728	20
29·83	29·83	29·83	29·83	29·83	29·83	29·83	29·83	29·84	29·84	29·85	29·85	29·806	21
29·90	29·90	29·90	29·90	29·90	29·90	29·90	29·90	29·89	29·90	29·91	29·91	29·892	22
29·95	29·95	29·95	29·95	29·95	29·95	29·96	29·96	29·96	29·96	29·96	29·97	29·944	23
29·96	29·96	29·96	29·95	29·95	29·95	29·94	29·94	29·93	29·93	29·93	29·93	29·953	24
29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·87	29·882	25
29·89	29·89	29·89	29·90	29·91	29·91	29·92	29·92	29·93	29·93	29·93	29·92	29·890	26
29·99	29·99	29·99	29·99	29·98	29·98	29·98	29·98	29·97	29·97	29·97	29·97	29·972	27
29·88	29·87	29·87	29·86	29·86	29·86	29·85	29·84	29·84	29·83	29·81	29·81	29·882	28
29·76	29·76	29·75	29·75	29·75	29·76	29·76	29·77	29·76	29·76	29·77	29·77	29·768	29
29·80	29·80	29·80	29·79	29·80	29·80	29·80	29·79	29·79	29·79	29·79	29·78	29·787	30
29·76	29·76	29·76	29·75	29·75	29·74	29·73	29·72	29·72	29·71	29·71	29·71	29·749	31
29·758	29·757	29·756	29·752	29·753	29·753	29·753	29·753	29·750	29·749	29·751	29·749	29·752	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·69	29·69	29·68	29·68	29·68	29·68	29·68	29·67	29·69	29·68	29·68	29·67
2	29·67	29·68	29·68	29·68	29·69	29·69	29·69	29·69	29·68	29·68	29·68	29·68
3	29·58	29·57	29·56	29·54	29·53	29·53	29·52	29·51	29·49	29·49	29·48	29·47
4	29·42	29·42	29·43	29·44	29·44	29·45	29·47	29·48	29·49	29·49	29·51	29·51
5	29·59	29·59	29·59	29·59	29·59	29·59	29·59	29·59	29·61	29·61	29·61	29·59
6	29·56	29·56	29·56	29·55	29·54	29·54	29·54	29·54	29·53	29·53	29·52	29·52
7	29·38	29·38	29·37	29·36	29·35	29·34	29·34	29·33	29·32	29·31	29·30	29·28
8	29·22	29·21	29·20	29·19	29·18	29·16	29·15	29·15	29·14	29·13	29·12	29·11
9	29·05	29·05	29·05	29·05	29·06	29·07	29·07	29·08	29·09	29·10	29·10	29·12
10	29·26	29·27	29·28	29·28	29·32	29·32	29·33	29·34	29·36	29·37	29·37	29·38
11	29·41	29·41	29·40	29·40	29·40	29·40	29·40	29·39	29·39	29·39	29·39	29·38
12	29·25	29·24	29·22	29·20	29·20	29·18	29·16	29·16	29·15	29·14	29·14	29·13
13	29·05	29·05	29·05	29·05	29·06	29·06	29·07	29·08	29·09	29·09	29·10	29·11
14	29·20	29·20	29·20	29·20	29·20	29·20	29·21	29·22	29·23	29·23	29·24	29·26
15	29·41	29·40	29·40	29·40	29·41	29·41	29·42	29·43	29·44	29·44	29·45	29·45
16	29·44	29·44	29·44	29·44	29·44	29·44	29·45	29·45	29·45	29·45	29·45	29·44
17	29·41	29·40	29·40	29·40	29·40	29·40	29·40	29·39	29·39	29·39	29·39	29·38
18	29·39	29·39	29·39	29·39	29·39	29·41	29·42	29·43	29·44	29·45	29·46	29·45
19	29·52	29·52	29·52	29·53	29·54	29·54	29·54	29·54	29·55	29·54	29·54	29·52
20	29·42	29·41	29·42	29·41	29·40	29·39	29·39	29·39	29·38	29·38	29·38	29·37
21	29·38	29·37	29·37	29·37	29·37	29·37	29·37	29·37	29·37	29·37	29·37	29·35
22	29·37	29·38	29·39	29·41	29·42	29·43	29·47	29·48	29·49	29·51	29·54	29·55
23	29·65	29·66	29·66	29·68	29·69	29·69	29·70	29·71	29·72	29·73	29·73	29·73
24	29·68	29·68	29·66	29·66	29·66	29·66	29·66	29·66	29·66	29·66	29·65	29·65
25	29·57	29·57	29·57	29·56	29·55	29·55	29·55	29·55	29·55	29·55	29·55	29·55
26	29·52	29·52	29·52	29·52	29·51	29·52	29·51	29·52	29·53	29·52	29·53	29·53
27	29·56	29·57	29·58	29·58	29·59	29·59	29·59	29·61	29·61	29·60	29·59	29·59
28	29·54	29·53	29·53	29·53	29·52	29·50	29·50	29·50	29·48	29·48	29·47	29·47
29	29·42	29·42	29·42	29·42	29·41	29·41	29·41	29·41	29·41	29·42	29·42	29·42
30	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43
31	29·40	29·40	29·40	29·40	29·40	29·40	29·40	29·40	29·39	29·39	29·39	29·38
Mean ...	29·434	29·433	29·431	29·430	29·431	29·431	29·433	29·436	29·437	29·437	29·438	29·435

—HOURLY VALUES.

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
29·67	29·67	29·67	29·66	29·66	29·66	29·66	29·66	29·66	29·66	29·66	29·67	29·672	1
29·67	29·66	29·65	29·65	29·64	29·63	29·62	29·61	29·61	29·60	29·61	29·59	29·655	2
29·47	29·46	29·45	29·44	29·43	29·42	29·42	29·42	29·41	29·41	29·41	29·42	29·493	3
29·52	29·52	29·53	29·53	29·54	29·56	29·57	29·59	29·59	29·59	29·59	29·60	29·512	4
29·59	29·59	29·59	29·58	29·58	29·58	29·58	29·58	29·58	29·57	29·57	29·56	29·587	5
29·51	29·50	29·49	29·48	29·47	29·46	29·46	29·44	29·43	29·43	29·41	29·40	29·499	6
29·27	29·27	29·26	29·27	29·26	29·25	29·25	29·24	29·23	29·24	29·24	29·23	29·295	7
29·10	29·09	29·08	29·07	29·07	29·05	29·06	29·05	29·06	29·05	29·05	29·05	29·114	8
29·12	29·14	29·14	29·15	29·16	29·17	29·18	29·19	29·20	29·22	29·23	29·24	29·126	9
29·38	29·39	29·40	29·40	29·40	29·40	29·40	29·40	29·40	29·41	29·41	29·41	29·362	10
29·37	29·36	29·35	29·35	29·34	29·33	29·32	29·31	29·30	29·29	29·27	29·26	29·359	11
29·13	29·12	29·11	29·10	29·09	29·08	29·07	29·07	29·07	29·06	29·06	29·05	29·133	12
29·11	29·12	29·14	29·14	29·15	29·15	29·16	29·17	29·18	29·18	29·19	29·19	29·114	13
29·26	29·26	29·28	29·29	29·31	29·31	29·33	29·35	29·36	29·39	29·39	29·39	29·271	14
29·45	29·45	29·44	29·43	29·42	29·42	29·43	29·44	29·44	29·44	29·44	29·44	29·429	15
29·44	29·43	29·43	29·42	29·42	29·42	29·42	29·42	29·42	29·42	29·41	29·41	29·433	16
29·38	29·37	29·37	29·37	29·37	29·39	29·39	29·39	29·39	29·39	29·39	29·39	29·389	17
29·46	29·47	29·47	29·48	29·48	29·48	29·49	29·49	29·49	29·49	29·50	29·51	29·451	18
29·51	29·50	29·50	29·49	29·48	29·47	29·47	29·47	29·46	29·45	29·44	29·43	29·503	19
29·37	29·37	29·37	29·36	29·36	29·36	29·37	29·38	29·38	29·38	29·38	29·37	29·383	20
29·35	29·35	29·34	29·34	29·34	29·33	29·33	29·34	29·34	29·35	29·35	29·36	29·356	21
29·56	29·58	29·60	29·60	29·60	29·62	29·62	29·64	29·64	29·64	29·64	29·65	29·535	22
29·74	29·72	29·72	29·72	29·71	29·70	29·70	29·69	29·68	29·68	29·68	29·68	29·699	23
29·64	29·64	29·62	29·61	29·60	29·59	29·58	29·58	29·57	29·57	29·57	29·57	29·628	24
29·54	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·53	29·52	29·543	25
29·53	29·54	29·54	29·54	29·54	29·54	29·53	29·53	29·51	29·53	29·54	29·54	29·528	26
29·60	29·61	29·62	29·60	29·59	29·60	29·58	29·59	29·58	29·58	29·57	29·56	29·589	27
29·46	29·45	29·46	29·46	29·46	29·45	29·44	29·43	29·42	29·43	29·43	29·43	29.474	28
29·43	29·43	29·44	29·44	29·44	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·424	29
29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·43	29·42	29·42	29·42	29·41	29·428	30
29·38	29·37	29·37	29·36	29·36	29·36	29·37	29·37	29·38	29·38	29·38	29·38	29·384	31
29·434	29·432	29·432	29·429	29·427	29·425	29·426	29·427	29·425	29·426	29·426	29·424	29·431	

TABLE 45. PRESSURE

FEBRUARY,

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·38	29·38	29·38	29·38	29·38	29·39	29·39	29·39	29·40	29·40	29·40	29·40
2	29·35	29·35	29·35	29·35	29·34	29·34	29·34	29·34	29·34	29·35	29·35	29·35
3	29·44	29·46	29·47	29·47	29·48	29·49	29·50	29·53	29·55	29·56	29·58	29·59
4	29·73	29·74	29·74	29·75	29·76	29·76	29·76	29·76	29·77	29·77	29·77	29·76
5	29·70	29·69	29·69	29·68	29·67	29·65	29·65	29·65	29·64	29·64	29·65	29·65
6	29·81	29·82	29·83	29·84	29·85	29·86	29·88	29·90	29·91	29·92	29·94	29·94
7	29·89	29·88	29·87	29·88	29·87	29·85	29·85	29·85	29·84	29·83	29·82	29·80
8	29·73	29·72	29·72	29·71	29·71	29·71	29·70	29·69	29·69	29·69	29·68	29·68
9	29·57	29·56	29·55	29·54	29·54	29·54	29·53	29·52	29·52	29·52	29·52	29·52
10	29·51	29·51	29·50	29·51	29·52	29·51	29·51	29·50	29·50	29·49	29·49	29·48
11	29·54	29·54	29·55	29·55	29·55	29·55	29·57	29·57	29·57	29·59	29·59	29·58
12	29·61	29·61	29·61	29·60	29·59	29·59	29·59	29·58	29·58	29·58	29·58	29·58
13	29·60	29·61	29·61	29·64	29·64	29·65	29·68	29·69	29·71	29·72	29·73	29·73
14	29·77	29·77	29·77	29·77	29·76	29·76	29·76	29·75	29·75	29·75	29·74	29·73
15	29·62	29·61	29·60	29·58	29·57	29·57	29·55	29·54	29·52	29·52	29·52	29·51
16	29·53	29·53	29·53	29·54	29·54	29·54	29·54	29·54	29·54	29·54	29·55	29·56
17	29·61	29·61	29·61	29·61	29·61	29·62	29·62	29·62	29·63	29·63	29·63	29·63
18	29·58	29·58	29·56	29·55	29·54	29·53	29·52	29·51	29·49	29·48	29·47	29·45
19	29·29	29·28	29·27	29·27	29·27	29·26	29·27	29·27	29·28	29·28	29·29	29·29
20	29·33	29·33	29·34	29·35	29·35	29·36	29·36	29·37	29·38	29·39	29·40	29·41
21	29·36	29·35	29·34	29·33	29·33	29·33	29·32	29·31	29·31	29·31	29·29	29·28
22	29·33	29·34	29·34	29·35	29·35	29·36	29·37	29·38	29·39	29·39	29·41	29·41
23	29·53	29·53	29·53	29·53	29·54	29·54	29·55	29·55	29·57	29·57	29·56	29·56
24	29·56	29·56	29·56	29·56	29·55	29·55	29·55	29·53	29·52	29·53	29·54	29·54
25	29·55	29·55	29·55	29·54	29·54	29·54	29·54	29·53	29·52	29·52	29·50	29·50
26	29·37	29·36	29·36	29·35	29·33	29·33	29·32	29·32	29·31	29·32	29·30	29·29
27	29·22	29·21	29·20	29·21	29·20	29·20	29·19	29·19	29·19	29·19	29·20	29·21
28	29·26	29·26	29·27	29·27	29·27	29·28	29·31	29·34	29·36	29·37	29·39	29·39
29	29·52	29·53	29·53	29·55	29·55	29·55	29·55	29·56	29·56	29·56	29·56	29·55
Mean	29·527	29·527	29·525	29·526	29·524	29·524	29·527	29·527	29·529	29·531	29·533	29·530

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·40	29·39	29·39	29·39	29·39	29·38	29·37	29·37	29·36	29·36	29·36	29·35	29·383	1
29·35	29·35	29·35	29·36	29·37	29·37	29·38	29·40	29·42	29·42	29·42	29·43	29·365	2
29·61	29·62	29·63	29·64	29·65	29·67	29·68	29·70	29·70	29·71	29·72	29·73	29·591	3
29·76	29·76	29·76	29·75	29·75	29·75	29·75	29·73	29·73	29·72	29·71	29·70	29·748	4
29·65	29·66	29·68	29·69	29·69	29·70	29·72	29·73	29·74	29·76	29·79	29·79	29·690	5
29·94	29·93	29·93	29·91	29·91	29·91	29·90	29·90	29·90	29·90	29·90	29·89	29·893	6
29·79	29·78	29·78	29·76	29·75	29·75	29·74	29·74	29·74	29·74	29·74	29·73	29·803	7
29·67	29·65	29·65	29·65	29·64	29·63	29·61	29·61	29·60	29·59	29·58	29·58	29·662	8
29·52	29·52	29·52	29·52	29·51	29·51	29·51	29·51	29·51	29·51	29·51	29·51	29·525	9
29·48	29·47	29·47	29·47	29·47	29·47	29·47	29·48	29·49	29·49	29·51	29·52	29·493	10
29·59	29·60	29·62	29·62	29·59	29·60	29·60	29·60	29·60	29·60	29·61	29·61	29·583	11
29·57	29·57	29·57	29·56	29·57	29·55	29·55	29·57	29·57	29·57	29·58	29·58	29·580	12
29·74	29·75	29·75	29·75	29·76	29·77	29·77	29·78	29·78	29·78	29·78	29·77	29·716	13
29·71	29·70	29·69	29·67	29·66	29·66	29·66	29·66	29·66	29·66	29·64	29·63	29·712	14
29·50	29·50	29·49	29·49	29·48	29·49	29·49	29·50	29·50	29·51	29·62	29·53	29·530	15
29·57	29·57	29·58	29·58	29·58	29·59	29·59	29·59	29·60	29·60	29·60	29·61	29·564	16
29·63	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·61	29·62	29·61	29·59	29·618	17
29·44	29·42	29·39	29·38	29·36	29·35	29·34	29·33	29·32	29·32	29·31	29·30	29·438	18
29·29	29·30	29·30	29·30	29·31	29·31	29·32	29·32	29·33	29·32	29·32	29·33	29·295	19
29·40	29·40	29·40	29·40	29·40	29·40	29·40	29·40	29·39	29·39	29·38	29·37	29·379	20
29·28	29·28	29·28	29·28	29·27	29·27	29·27	29·29	29·30	29·31	29·32	29·33	29·306	21
29·42	29·42	29·43	29·43	29·44	29·47	29·47	29·48	29·49	29·50	29·52	29·52	29·417	22
29·57	29·57	29·59	29·58	29·58	29·58	29·58	29·58	29·58	29·57	29·56	29·56	29·561	23
29·54	29·54	29·54	29·55	29·55	29·55	29·55	29·54	29·55	29·55	29·55	29·55	29·546	24
29·49	29·48	29·46	29·45	29·45	29·45	29·44	29·42	29·42	29·41	29·40	29·39	29·485	25
29·29	29·29	29·28	29·28	29·27	29·27	29·27	29·26	29·26	29·25	29·24	29·23	29·298	26
29·21	29·20	29·20	29·22	29·22	29·23	29·23	29·23	29·24	29·24	29·24	29·25	29·213	27
29·39	29·40	29·42	29·43	29·44	29·45	29·45	29·46	29·47	29·47	29·49	29·50	29·381	28
29·53	29·52	29·51	29·51	29·51	29·49	29·48	29·46	29·46	29·45	29·44	29·43	29·515	29
29·529	29·525	29·525	29·526	29·524	29·526	29·524	29·526	29·528	29·528	29·529	29·528	29·527	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·42	29·40	29·39	29·39	29·38	29·35	29·	29·33	29·33	29·32	29·32	29·31
2	29·21	29·21	29·19	29·17	29·17	29·17	29·16	29·15	29·14	29·15	29·15	29·14
3	29·13	29·13	29·14	29·16	29·17	29·17	29·18	29·18	29·19	29·20	29·21	29·21
4	29·33	29·32	29·30	29·29	29·29	29·29	29·28	29·27	29·22	29·21	29·20	29·18
5	29·17	29·18	29·19	29·19	29·21	29·21	29·22	29·22	29·22	29·24	29·24	29·25
6	29·29	29·29	29·29	29·30	29·31	29·32	29·32	29·33	29·33	29·33	29·33	29·33
7	29·29	29·29	29·28	29·27	29·26	29·26	29·26	29·26	29·26	29·24	29·23	29·22
8	29·03	29·04	29·05	29·05	29·05	29·06	29·08	29·09	29·12	29·13	29·14	29·15
9	29·26	29·26	29·26	29·26	29·26	29·26	29·27	29·28	29·28	29·29	29·29	29·29
10	29·29	29·28	29·28	29·27	29·26	29·24	29·23	29·20	29·19	29·18	29·16	29·15
11	28·99	28·98	28·97	28·97	28·98	28·98	28·98	28·98	28·97	28·99	28·98	29·00
12	29·20	29·20	29·19	29·19	29·21	29·24	29·26	29·27	29·29	29·31	29·32	29·32
13	29·39	29·39	29·39	29·39	29·39	29·38	29·37	29·37	29·36	29·35	29·35	29·32
14	29·22	29·23	29·26	29·27	29·29	29·31	29·33	29·35	29·37	29·38	29·39	29·39
15	29·35	29·34	29·33	29·33	29·33	29·32	29·30	29·28	29·27	29·28	29·28	29·28
16	29·39	29·39	29·40	29·41	29·43	29·44	29·45	29·47	29·50	29·51	29·53	29·53
17	29·59	29·58	29·58	29·57	29·56	29·55	29·54	29·53	29·52	29·52	29·51	29·48
18	29·24	29·24	29·22	29·21	29·22	29·21	29·20	29·17	29·16	29·15	29·13	29·12
19	28·65	28·63	28·61	28·60	28·57	28·55	28·54	28·53	28·54	28·53	28·54	28·54
20	28·72	28·76	28·78	28·81	28·86	28·91	28·95	28·99	29·02	29·04	29·06	29·08
21	29·05	29·05	29·06	29·08	29·06	29·05	29·06	29·05	29·03	29·03	29·02	29·00
22	28·95	28·94	28·94	28·94	28·95	28·94	28·93	28·94	28·93	28·94	28·94	28·94
23	28·86	28·86	28·85	28·84	28·82	28·82	28·80	28·78	28·77	28·76	28·75	28·73
24	28·87	28·88	28·87	28·87	28·86	28·86	28·85	28·87	28·88	28·89	28·91	28·90
25	29·12	29·11	29·11	29·13	29·14	29·13	29·14	29·15	29·16	29·16	29·16	29·15
26	29·19	29·20	29·21	29·21	29·20	29·20	29·20	29·19	29·19	29·20	29·19	29·19
27	29·10	29·08	29·07	29·06	29·03	29·03	29·04	29·02	29·01	29·00	29·00	28·98
28	29·03	29·04	29·05	29·06	29·08	29·08	29·07	29·04	29·06	29·07	29·10	29·12
29	29·21	29·21	29·22	29·22	29·23	29·23	29·23	29·23	29·25	29·26	29·26	29·27
30	29·29	29·29	29·29	29·29	29·29	29·29	29·29	29·30	29·31	29·31	29·31	29·33
31	29·40	29·40	29·41	29·41	29·41	29·41	29·42	29·43	29·43	29·44	29·44	29·44
Mean ...	29·169	29·168	29·167	29·168	29·170	29·170	29·171	29·169	29·171	29·175	29·175	29·172

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·30	29·29	29·28	29·27	29·27	29·27	29·25	29·24	29·23	29·24	29·23	29·22	29·308	1
29·13	29·13	29·12	29·13	29·12	29·12	29·12	29·13	29·13	29·13	29·12	29·13	29·147	2
29·22	29·22	29·22	29·22	29·22	29·24	29·29	29·31	29·33	29·34	29·34	29·34	29·223	3
29·17	29·16	29·16	29·16	29·16	29·16	29·16	29·16	29·15	29·15	29·15	29·16	29·212	4
29·27	29·28	29·28	29·28	29·28	29·28	29·28	29·28	29·29	29·29	29·29	29·29	29·247	5
29·34	29·33	29·33	29·34	29·34	29·33	29·33	29·33	29·33	29·32	29·32	29·31	29·322	6
29·20	29·17	29·16	29·15	29·12	29·10	29·09	29·07	29·06	29·05	29·04	29·04	29·182	7
29·16	29·16	29·18	29·20	29·21	29·22	29·22	29·23	29·24	29·25	29·25	29·26	29·149	8
29·29	29·29	29·29	29·30	29·30	29·30	29·31	29·31	29·30	29·31	29·31	29·31	29·287	9
29·14	29·13	29·10	29·08	29·06	29·06	29·04	29·03	29·02	29·01	29·01	28·99	29·142	10
29·02	29·04	29·05	29·06	29·10	29·12	29·13	29·14	29·17	29·17	29·18	29·18	29·047	11
29·32	29·32	29·33	29·33	29·35	29·37	29·37	29·38	29·40	29·40	29·40	29·40	29·307	12
29·30	29·30	29·28	29·26	29·25	29·24	29·24	29·23	29·21	29·20	29·20	29·20	29·307	13
29·39	29·40	29·40	29·40	29·40	29·39	29·39	29·38	29·38	29·38	29·37	29·35	29·351	14
29·27	29·27	29·27	29·27	29·28	29·29	29·29	29·31	29·32	29·33	29·35	29·36	29·304	15
29·55	29·57	29·58	29·59	29·60	29·61	29·61	29·61	29·61	29·61	29·60	29·59	29·524	16
29·46	29·45	29·42	29·40	29·39	29·37	29·35	29·34	29·31	29·30	29·28	29·27	29·453	17
29·09	29·08	29·04	29·01	28·97	28·95	28·89	28·87	28·83	28·78	28·73	28·68	29·050	18
28·56	28·56	28·57	28·57	28·60	28·62	28·63	28·64	28·65	28·67	28·68	28·70	28·595	19
29·09	29·08	29·08	29·08	29·08	29·06	29·05	29·06	29·06	29·06	29·07	29·07	28·993	20
29·00	28·99	28·98	28·98	28·97	28·97	28·97	28·96	28·96	28·95	28·95	28·95	29·007	21
28·95	28·95	28·95	28·94	28·94	28·93	28·91	28·90	28·90	28·90	28·89	28·88	28·930	22
28·73	28·74	28·74	28·75	28·76	28·78	28·80	28·81	28·83	28·84	28·84	28·85	28·796	23
28·90	28·91	28·93	28·96	28·96	28·97	29·03	29·03	29·07	29·08	29·08	29·10	28·939	24
29·16	29·14	29·14	29·13	29·15	29·13	29·15	29·18	29·18	29·19	29·20	29·19	29·150	25
29·18	29·17	29·17	29·17	29·16	29·15	29·15	29·15	29·13	29·12	29·11	29·10	29·172	26
28·98	28·98	28·98	28·98	28·97	28·98	28·98	28·98	28·99	29·00	29·01	29·02	29·011	27
29·13	29·13	29·13	29·13	29·13	29·15	29·16	29·18	29·18	29·18	29·19	29·20	29·112	28
29·28	29·28	29·28	29·28	29·28	29·29	29·29	29·29	29·30	29·29	29·29	29·29	29·261	29
29·33	29·33	29·34	29·34	29·35	29·35	29·36	29·37	29·37	29·37	29·39	29·39	29·328	30
29·44	29·44	29·44	29·45	29·45	29·45	29·45	29·46	29·46	29·46	29·46	29·45	29·435	31
29·173	29·171	29·169	29·168	29·169	29·169	29·171	29·173	29·174	29·173	29·172	29·170	29·171	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·45	29·45	29·45	29·46	29·47	29·47	29·47	29·47	29·46	29·46	29·46	29·46
2	29·44	29·43	29·42	29·42	29·42	29·42	29·42	29·41	29·41	29·41	29·41	29·40
3	29·32	29·32	29·31	29·31	29·30	29·30	29·29	29·29	29·27	29·27	29·27	29·26
4	29·28	29·29	29·29	29·30	29·30	29·32	29·32	29·33	29·34	29·35	29·36	29·37
5	29·47	29·47	29·48	29·49	29·50	29·51	29·52	29·52	29·53	29·54	29·55	29·58
6	29·65	29·64	29·64	29·61	29·64	29·64	29·63	29·63	29·62	29·60	29·60	29·59
7	29·52	29·53	29·53	29·53	29·54	29·54	29·55	29·55	29·56	29·57	29·58	29·58
8	29·39	29·34	29·31	29·27	29·27	29·30	29·28	29·31	29·29	29·29	29·27	29·32
9	29·43	29·40	29·38	29·37	29·39	29·41	29·45	29·46	29·46	29·50	29·50	29·50
10	29·48	29·47	29·45	29·43	29·40	29·39	29·39	29·37	29·37	29·36	29·37	29·36
11	29·38	29·39	29·39	29·40	29·44	29·47	29·47	29·49	29·49	29·47	29·48	29·48
12	29·55	29·54	29·53	29·53	29·54	29·54	29·54	29·54	29·52	29·52	29·51	29·51
13	29·54	29·54	29·53	29·53	29·52	29·51	29·51	29·50	29·49	29·51	29·52	29·53
14	29·58	29·58	29·57	29·58	29·58	29·58	29·58	29·56	29·56	29·56	29·54	29·52
15	29·31	29·28	29·26	29·25	29·22	29·20	29·18	29·16	29·12	29·12	29·12	29·11
16	29·05	29·05	29·05	29·06	29·05	29·04	29·04	29·04	29·03	29·02	29·03	29·04
17	29·06	29·05	29·05	29·05	29·05	29·05	29·05	29·04	29·04	29·04	29·05	29·03
18	29·02	29·01	29·01	29·02	29·01	29·02	29·03	29·03	29·05	29·06	29·07	29·08
19	29·20	29·21	29·23	29·22	29·21	29·24	29·24	29·23	29·21	29·20	29·19	29·16
20	28·96	28·93	28·92	28·90	28·86	28·84	28·83	28·83	28·80	28·79	28·78	28·77
21	28·78	28·78	28·79	28·81	28·83	28·83	28·85	28·87	28·88	28·90	28·92	28·93
22	*28·95*	*28·95*	*28·95*	*28·95*	*28·95*	*28·95*	*28·95*	*28·95*	28·95	28·96	28·98	28·99
23	29·07	29·08	29·10	29·11	29·11	29·12	29·15	29·16	29·18	29·19	29·22	29·22
24	29·34	29·34	29·34	29·33	29·34	29·34	29·35	29·35	29·36	29·36	29·36	29·37
25	29·40	29·40	29·39	29·40	29·40	29·40	29·39	29·40	29·40	29·40	29·40	29·39
26	29·32	29·31	29·30	29·29	29·27	29·27	29·26	29·26	29·25	29·25	29·26	29·27
27	29·46	29·49	29·50	29·53	29·57	29·58	29·60	29·61	29·65	29·67	29·69	29·71
28	29·83	29·83	29·82	29·82	29·83	29·83	29·82	29·83	29·83	29·83	29·82	29·82
29	29·76	29·77	29·77	29·75	29·75	29·74	29·75	29·76	29·75	29·75	29·74	29·72
30	29·60	29·58	29·58	29·57	29·56	29·56	29·55	29·55	29·55	29·54	29·54	29·54
Mean ...	29·353	29·348	29·345	29·344	29·344	29·347	29·349	29·350	29·347	29·350	29·353	29·354

HOURLY VALUES.

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·46	29·46	29·45	29·46	29·45	29·46	29·45	29·45	29·44	29·44	29·44	29·44	29·455	1
29·39	29·39	29·39	29·39	29·37	29·37	29·36	29·36	29·35	29·34	29·34	29·32	29·391	2
29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·28	29·28	29·28	29·28	29·283	3
29·38	29·38	29·39	29·41	29·41	29·41	29·42	29·43	29·45	29·45	29·46	29·47	29·371	4
29·58	29·59	29·59	29·60	29·60	29·61	29·62	29·63	29·63	29·64	29·65	29·65	29·565	5
29·58	29·58	29·57	29·56	29·55	29·54	29·53	29·52	29·52	29·52	29·52	29·53	29·585	6
29·58	29·58	29·58	29·56	29·56	29·56	29·55	29·52	29·52	29·50	29·46	29·43	29·541	7
29·33	29·33	29·33	29·35	29·33	29·33	29·34	29·36	29·39	29·40	29·41	29·43	29·332	8
29·52	29·54	29·55	29·55	29·58	29·57	29·56	29·55	29·54	29·53	29·52	29·49	29·490	9
29·36	29·35	29·35	29·34	29·34	29·34	29·35	29·36	29·37	29·35	29·36	29·38	29·379	10
29·51	29·51	29·51	29·51	29·53	29·53	29·54	29·54	29·55	29·55	29·55	29·55	29·489	11
29·51	29·52	29·53	29·53	29·53	29·53	29·54	29·54	29·54	29·54	29·54	29·54	29·532	12
29·53	29·53	29·53	29·53	29·53	29·54	29·55	29·56	29·56	29·56	29·57	29·57	29·533	13
29·51	29·49	29·47	29·46	29·45	29·43	29·42	29·40	29·38	29·36	29·35	29·34	29·494	14
29·11	29·11	29·10	29·09	29·08	29·07	29·06	29·05	29·05	29·05	29·05	29·05	29·133	15
29·05	29·05	29·03	29·04	29·05	29·06	29·06	29·07	29·07	29·06	29·06	29·06	29·048	16
29·03	29·02	29·02	29·02	29·02	29·02	29·02	29·03	29·02	29·02	29·02	29·02	29·034	17
29·08	29·09	29·10	29·12	29·13	29·13	29·16	29·17	29·19	29·19	29·20	29·20	29·090	18
29·15	29·13	29·12	29·12	29·12	29·11	29·09	29·10	29·08	29·06	29·02	28·99	29·151	19
28·75	28·74	28·73	28·72	28·72	28·72	28·72	28·73	28·73	28·75	28·75	28·77	28·793	20
28·94	28·96	28·96	28·96	28·96	28·96	28·95	28·95	*28·95*	*28·95*	*28·95*	*28·95*	28·900	21
29·00	29·00	29·01	29·01	29·03	29·04	29·04	29·04	29·04	29·06	29·06	29·07	28·995	22
29·24	29·25	29·27	29·28	29·30	29·30	29·31	29·31	29·32	29·33	29·34	29·34	29·221	23
29·37	29·37	29·37	29·37	29·37	29·37	29·38	29·38	29·40	29·39	29·39	29·40	29·364	24
29·39	29·39	29·39	29·39	29·38	29·37	29·35	29·35	29·35	29·34	29·34	29·33	29·381	25
29·29	29·30	29·31	29·32	29·33	29·34	29·36	29·39	29·40	29·42	29·44	29·45	29·319	26
29·72	29·74	29·76	29·75	29·76	29·77	29·79	29·80	29·81	29·82	29·83	29·83	29·685	27
29·81	29·79	29·80	29·79	29·79	29·80	29·80	29·81	29·81	29·80	29·78	29·77	29·811	28
29·72	29·69	29·66	29·65	29·67	29·65	29·64	29·63	29·63	29·63	29·62	29·60	29·704	29
29·54	29·54	29·54	29·53	29·53	29·51	29·51	29·52	29·52	29·52	29·52	29·52	29·543	30
29·357	29·356	29·356	29·356	29·358	29·357	29·358	29·361	29·362	29·362	29·361	29·359	29·354	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·51	29·52	29·51	29·51	29·52	29·51	29·51	29·51	29·51	29·51	29·51	29·51
2	29·33	29·33	29·31	29·31	29·30	29·30	29·31	29·31	29·32	29·32	29·29	29·28
3	29·25	29·25	29·21	29·20	29·17	29·17	29·16	29·14	29·11	29·09	29·11	29·09
4	28·89	28·83	28·80	28·81	28·81	28·78	28·83	28·88	28·89	28·90	28·96	28·97
5	29·07	29·10	29·09	29·07	29·09	29·07	29·07	29·06	29·05	29·05	29·05	29·02
6	29·29	29·32	29·37	29·39	29·44	29·48	29·52	29·55	29·58	29·60	29·64	29·65
7	29·68	29·69	29·68	29·67	29·67	29·67	29·67	29·66	29·65	29·65	29·64	29·64
8	29·27	29·26	29·27	29·25	29·23	29·22	29·21	29·22	29·23	29·24	29·24	29·24
9	29·27	29·28	29·29	29·29	29·29	29·29	29·31	29·31	29·31	29·32	29·32	29·32
10	29·48	29·48	29·49	29·50	29·52	29·52	29·53	29·53	29·54	29·54	29·54	29·53
11	29·37	29·36	29·36	29·36	29·34	29·34	29·33	29·32	29·30	29·29	29·28	29·28
12	29·09	29·07	29·05	29·03	29·00	28·99	28·98	28·98	28·97	28·95	28·94	28·91
13	28·94	28·96	28·97	28·96	28·98	29·01	29·02	29·04	29·06	29·08	29·09	29·10
14	29·20	29·21	29·23	29·23	29·22	29·22	29·23	29·21	29·18	29·19	29·19	29·21
15	29·29	29·29	29·29	29·30	29·29	29·26	29·26	29·25	29·24	29·23	29·21	29·21
16	29·01	29·00	28·98	28·95	28·92	28·90	28·88	28·87	28·86	28·84	28·82	28·81
17	28·87	28·88	28·88	28·89	28·89	28·91	28·92	28·95	28·95	28·96	29·00	29·02
18	29·32	29·34	29·35	29·36	29·38	29·39	29·40	29·41	29·44	29·45	29·47	29·50
19	29·59	29·59	29·59	29·58	29·57	29·57	29·57	29·57	29·55	29·55	29·55	29·54
20	29·35	29·33	29·32	29·31	29·31	29·30	29·29	29·29	29·28	29·28	29·28	29·28
21	29·27	29·27	29·27	29·27	29·27	29·27	29·27	29·28	29·28	29·29	29·29	29·29
22	29·23	29·22	29·20	29·19	29·17	29·17	29·14	29·12	29·12	29·12	29·11	29·09
23	29·12	29·13	29·15	29·16	29·18	29·21	29·23	29·25	29·29	29·30	29·34	29·35
24	29·45	29·45	29·46	29·46	29·45	29·44	29·43	29·43	29·42	29·40	29·39	29·35
25	29·18	29·17	29·19	29·19	29·18	29·18	29·18	29·20	29·20	29·18	29·15	29·11
26	28·78	28·75	28·75	28·71	28·69	28·66	28·63	28·62	28·60	28·59	28·58	28·57
27	28·42	28·41	28·41	28·43	28·43	28·43	28·44	28·43	28·46	28·48	28·48	28·50
28	28·68	28·69	28·72	28·72	28·71	28·71	28·71	28·73	28·73	28·74	28·73	28·74
29	28·82	28·83	28·84	28·85	28·87	28·89	28·90	28·91	28·92	28·92	28·93	28·92
30	28·93	28·93	28·93	28·92	28·92	28·92	28·91	28·91	28·91	28·91	28·90	28·90
31	28·94	28·95	28·96	28·97	28·97	28·98	28·98	28·98	28·98	28·98	28·96	28·95
Mean ...	29·158	29·158	29·159	29·156	29·154	29·154	29·155	29·159	29·159	29·160	29·161	29·158

—HOURLY VALUES.

1912.

Inches– reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
29·49	29·47	29·44	29·42	29·42	29·41	29·41	29·38	29·37	29·36	29·35	29·36	29·459	1
29·27	29·27	29·26	29·26	29·26	29·25	29·25	29·25	29·23	29·24	29·23	29·24	29·280	2
29·06	29·06	29·05	29·02	29·02	28·99	28·98	28·95	28·89	28·89	28·92	28·89	29·070	3
29·01	29·03	29·02	29·05	29·06	29·07	29·09	29·10	29·07	29·09	29·04	29·08	28·961	4
29·02	29·03	29·03	29·04	29·05	29·08	29·09	29·11	29·13	29·18	29·21	29·23	29·083	5
29·67	29·69	29·69	29·71	29·72	29·71	29·71	29·70	29·70	29·69	29·68	29·68	29·591	6
29·64	29·64	29·63	29·62	29·59	29·56	29·53	29·48	29·43	29·38	29·34	29·35	29·590	7
29·24	29·23	29·24	29·25	29·25	29·25	29·26	29·26	29·27	29·27	29·28	29·28	29·248	8
29·32	29·35	29·37	29·39	29·41	29·43	29·43	29·46	29·47	29·47	29·48	29·48	29·361	9
29·53	29·52	29·50	29·50	29·49	29·47	29·45	29·42	29·41	29·41	29·40	29·39	29·487	10
29·26	29·26	29·24	29·22	29·22	29·21	29·20	29·17	29·16	29·14	29·12	29·12	29·260	11
28·90	28·92	28·92	28·92	28·92	28·91	28·90	28·90	28·90	28·90	28·92	28·92	28·954	12
29·11	29·14	29·17	29·20	29·21	29·23	29·22	29·22	29·22	29·22	29·22	29·21	29·108	13
29·19	29·18	29·20	29·23	29·25	29·27	29·31	29·31	29·30	29·30	29·30	29·30	29·236	14
29·19	29·19	29·17	29·16	29·14	29·13	29·11	29·09	29·06	29·05	29·04	29·04	29·187	15
28·81	28·80	28·80	28·80	28·82	28·83	28·85	28·86	28·86	28·86	28·87	28·87	28·870	16
29·06	29·08	29·10	29·12	29·15	29·16	29·18	29·20	29·24	29·24	29·26	29·28	29·050	17
29·52	29·54	29·55	29·55	29·56	29·56	29·57	29·57	29·58	29·58	29·58	29·59	29·482	18
29·53	29·52	29·50	29·49	29·47	29·46	29·44	29·43	29·41	29·40	29·37	29·37	29·509	19
29·28	29·28	29·28	29·28	29·28	29·28	29·28	29·27	29·27	29·27	29·27	29·27	29·289	20
29·29	29·29	29·28	29·28	29·28	29·28	29·28	29·27	29·26	29·26	29·24	29·24	29·274	21
29·08	29·08	29·08	29·07	29·08	29·08	29·07	29·08	29·09	29·10	29·10	29·11	29·121	22
29·37	29·37	29·36	29·36	29·36	29·38	29·38	29·40	29·43	29·44	29·46	29·44	29·311	23
29·32	29·28	29·24	29·21	29·17	29·14	29·14	29·18	29·18	29·20	29·18	29·17	29·314	24
29·11	29·08	29·06	29·03	28·99	28·99	28·94	28·91	28·88	28·86	28·84	28·81	29·067	25
28·55	28·54	28·52	28·50	28·48	28·47	28·46	28·45	28·43	28·43	28·43	28·43	28·568	26
28·51	28·52	28·53	28·53	28·54	28·58	28·59	28·61	28·62	28·64	28·66	28·66	28·513	27
28·74	28·74	28·74	28·73	28·73	28·73	28·73	28·75	28·76	28·77	28·78	28·79	28·733	28
28·93	28·92	28·92	28·93	28·92	28·92	28·93	28·92	28·93	28·93	28·94	28·94	28·905	29
28·90	28·90	28·90	28·90	28·90	28·91	28·90	28·91	28·91	28·92	28·92	28·94	28·913	30
28·95	28·93	28·92	28·90	28·87	28·86	28·83	28·81	28·78	28·75	28·73	28·71	28·902	31
29·156	29·156	29·152	29·151	29·149	29·148	29·145	29·143	29·137	29·137	29·134	29·135	29·151	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·69	28·69	28·67	28·66	28·64	28·65	28·66	28·66	28·67	28·68	28·70	28·70
2	28·93	28·93	28·95	28·95	28·96	28·96	28·96	28·96	28·98	28·98	29·00	29·00
3	28·95	28·95	28·95	28·94	28·94	28·93	28·93	28·93	28·93	28·93	28·95	28·99
4	29·24	29·26	29·27	29·30	29·32	29·33	29·35	29·36	29·38	29·39	29·39	29·38
5	29·40	29·39	29·39	29·38	29·38	29·37	29·37	29·36	29·37	29·38	29·38	29·36
6	29·27	29·26	29·26	29·25	29·24	29·22	29·21	29·20	29·17	29·17	29·13	29·12
7	28·53	28·48	28·44	28·40	28·36	28·33	28·29	28·27	28·25	28·25	28·25	28·25
8	29·04	29·08	29·08	29·12	29·12	29·11	29·09	29·09	29·08	29·06	29·04	29·01
9	28·83	28·81	28·80	28·81	28·78	28·76	28·73	28·73	28·70	28·71	28·71	28·70
10	28·72	28·76	28·80	28·83	28·88	28·94	29·01	29·01	29·06	29·08	29·11	29·13
11	29·03	29·02	29·00	29·00	28·98	28·96	28·96	28·94	28·93	28·93	28·92	28·91
12	28·89	28·90	28·89	28·86	28·85	28·82	28·81	28·83	28·81	28·81	28·77	28·74
13	28·90	28·88	28·87	28·85	28·82	28·79	28·77	28·74	28·78	28·74	28·71	28·75
14	28·91	28·91	28·88	28·86	28·83	28·82	28·82	28·79	28·79	28·78	28·78	28·78
15	29·21	29·34	29·43	29·53	29·49	29·48	29·51	29·49	29·48	29·51	29·50	29·48
16	28·77	28·73	28·69	28·66	28·64	28·64	28·63	28·64	28·63	28·64	28·68	28·69
17	28·95	28·97	28·99	29·04	29·09	29·13	29·18	29·25	29·29	29·31	29·31	29·31
18	29·11	29·11	29·10	29·08	29·10	29·12	29·17	29·21	29·21	29·21	29·21	29·21
19	28·78	28·71	28·63	28·58	28·51	28·46	28·40	28·36	28·35	28·33	28·31	28·30
20	28·50	28·52	28·56	28·57	28·60	28·64	28·67	28·70	28·76	28·79	28·79	28·82
21	29·21	29·23	29·23	29·25	29·26	29·27	29·27	29·26	29·27	29·27	29·27	29·27
22	29·11	29·08	29·08	29·06	29·04	29·04	29·03	29·01	28·97	28·94	28·91	28·89
23	28·52	28·48	28·45	28·41	28·39	28·34	28·30	28·26	28·21	28·15	28·20	28·05
24	27·83	27·86	27·88	27·89	27·92	27·95	27·99	28·03	28·07	28·13	28·23	28·31
25	28·70	28·70	28·70	28·69	28·70	28·70	28·67	28·67	28·67	28·67	28·68	28·66
26	28·74	28·73	28·73	28·73	28·72	28·72	28·72	28·72	28·73	28·74	28·73	28·75
27	28·98	29·00	29·01	29·02	29·03	29·01	29·01	29·02	29·01	29·04	29·05	29·07
28	28·96	28·95	28·92	28·90	28·83	28·78	28·74	28·73	28·69	28·69	28·66	28·64
29	28·64	28·66	28·67	28·71	28·74	28·77	28·80	28·84	28·87	28·92	28·95	28·97
30	29·27	29·27	29·26	29·25	29·26	29·24	29·21	29·20	29·19	29·17	29·15	29·14
Mean ...	28·887	28·889	28·886	28·886	28·881	28·876	28·875	28·876	28·877	28·880	28·882	28·879

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
28·72	28·72	28·76	28·77	28·79	28·81	28·83	28·85	28·86	28·88	28·89	28·91	28·744	1
29·00	29·01	29·00	29·00	28·99	29·00	28·98	28·98	28·97	28·97	28·97	28·96	28·975	2
29·00	29·01	29·03	29·05	29·07	29·07	29·11	29·12	29·14	29·17	29·19	29·21	29·020	3
29·36	29·37	29·40	29·40	29·42	29·42	29·42	29·42	29·41	29·41	29·41	29·41	29·368	4
29·36	29·35	29·34	29·33	29·33	29·32	29·31	29·31	29·31	29·31	29·30	29·30	29·350	5
29·08	29·07	29·03	28·98	28·95	28·89	28·83	28·80	28·76	28·71	28·64	28·60	29·035	6
28·27	28·31	28·36	28·40	28·48	28·52	28·59	28·69	28·81	28·90	28·97	29·00	28·475	7
28·99	29·00	28·96	28·96	28·94	28·92	28·91	28·90	28·89	28·89	28·88	28·87	29·001	8
28·66	28·67	28·66	28·65	28·65	28·65	28·65	28·66	28·66	28·65	28·68	28·70	28·709	9
29·14	29·13	29·12	29·14	29·15	29·15	29·13	29·13	29·09	29·07	29·05	29·03	29·029	10
28·90	28·89	28·89	28·89	28·89	28·89	28·89	28·89	28·91	28·89	28·89	28·89	28·929	11
28·74	28·75	28·75	28·78	28·79	28·81	28·83	28·83	28·85	28·87	28·92	28·91	28·825	12
28·75	28·75	28·72	28·68	28·67	28·73	28·80	28·84	28·85	28·89	28·91	28·92	28·796	13
28·79	28·79	28·82	28·82	28·83	28·84	28·84	28·85	28·88	28·93	28·99	29·12	28·852	14
29·46	29·40	29·36	29·35	29·27	29·22	29·18	29·06	28·98	28·89	28·84	28·84	29·304	15
28·71	28·71	28·74	28·75	28·78	28·79	28·81	28·82	28·84	28·87	28·90	28·90	28·736	16
29·29	29·30	29·28	29·26	29·24	29·21	29·19	29·17	29·15	29·15	29·13	29·12	29·180	17
29·19	29·17	29·16	29·13	29·09	29·07	29·03	29·00	28·96	28·93	28·88	28·84	29·095	18
28·31	28·30	28·29	28·29	28·29	28·30	28·32	28·35	28·38	28·39	28·44	28·48	28·411	19
28·83	28·90	28·91	28·93	28·95	28·99	29·01	29·05	29·08	29·12	29·17	29·18	28·835	20
29·26	29·25	29·24	29·23	29·20	29·20	29·20	29·20	29·18	29·18	29·16	29·15	29·230	21
28·87	28·85	28·82	28·81	28·78	28·75	28·70	28·68	28·65	28·64	28·60	28·56	28·870	22
28·01	27·98	27·96	27·93	27·90	27·87	27·86	27·84	27·83	27·82	27·82	27·82	28·100	23
28·36	28·42	28·50	28·56	28·62	28·63	28·65	28·66	28·69	28·69	28·70	28·69	28·303	24
28·67	28·67	28·67	28·66	28·67	28·68	28·68	28·68	28·69	28·70	28·71	28·72	28·684	25
28·80	28·81	28·81	28·81	28·82	28·83	28·85	28·87	28·89	28·91	28·96	28·99	28·796	26
29·05	29·07	29·09	29·08	29·09	29·09	29·07	29·05	29·06	29·04	29·02	29·00	29·040	27
28·62	28·60	28·59	28·60	28·59	28·59	28·59	28·58	28·60	28·60	28·62	28·63	28·696	28
29·00	29·01	29·04	29·05	29·05	29·08	29·10	29·12	29·14	29·21	29·27	29·28	28·954	29
29·11	29·08	29·06	29·05	29·04	29·01	29·00	28·98	28·98	28·95	28·96	28·97	29·117	30
28·877	28·878	28·879	28·878	28·878	28·878	28·879	28·879	28·883	28·887	28·896	28·900	28·882	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·98	28·95	28·93	28·91	28·91	28·89	28·89	28·87	28·83	28·75	28·75	28·70
2	28·30	28·30	28·33	28·35	28·42	28·46	28·50	28·59	28·64	28·72	28·78	28·79
3	28·94	28·91	28·85	28·78	28·76	28·79	28·79	28·72	28·66	28·65	28·64	28·61
4	29·36	29·45	29·50	29·53	29·54	29·51	29·50	29·51	29·49	29·47	29·42	29·38
5	28·95	28·93	28·90	28·90	28·89	28·85	28·86	28·88	28·83	28·83	28·78	28·76
6	28·78	28·79	28·80	28·81	28·80	28·80	28·82	28·82	28·82	28·82	28·81	28·81
7	28·81	28·83	28·86	28·88	28·88	28·89	28·90	28·92	28·93	28·95	28·92	28·92
8	28·76	28·76	28·76	28·75	28·75	28·75	28·71	28·73	28·72	28·72	28·72	28·71
9	28·79	28·79	28·79	28·80	28·81	28·81	28·80	28·80	28·82	28·81	28·81	28·80
10	28·81	28·80	28·79	28·79	28·77	28·77	28·75	28·77	28·77	28·78	28·79	28·79
11	28·83	28·85	28·85	28·86	28·86	28·88	28·89	28·91	28·93	28·93	28·94	28·95
12	29·10	29·12	29·13	29·14	29·14	29·15	29·15	29·16	29·17	29·17	29·16	29·17
13	29·23	29·22	29·23	29·24	29·25	29·25	29·26	29·26	29·28	29·28	29·28	29·28
14	29·20	29·20	29·20	29·18	29·18	29·16	29·15	29·14	29·11	29·11	29·11	29·10
15	28·96	28·92	28·89	28·86	28·84	28·81	28·80	28·78	28·76	28·74	28·73	28·72
16	28·71	28·71	28·69	28·68	28·66	28·65	28·64	28·65	28·67	28·66	28·68	28·71
17	28·96	28·98	28·98	28·98	28·98	28·99	28·99	29·00	29·02	29·02	29·03	29·03
18	28·95	28·94	28·94	28·94	28·92	28·91	28·91	28·91	28·90	28·90	28·90	28·88
19	28·97	28·98	28·99	29·00	29·05	29·05	29·07	29·06	29·06	29·06	29·08	29·09
20	29·07	29·07	29·06	29·07	29·06	29·05	29·04	29·04	29·04	29·04	29·04	29·05
21	29·15	29·15	29·17	29·18	29·18	29·17	29·16	29·16	29·16	29·17	29·16	29·13
22	29·02	29·01	29·00	28·99	28·99	28·98	28·97	28·95	28·94	28·91	28·90	28·87
23	28·83	28·85	28·85	28·89	28·95	29·01	29·02	29·05	29·07	29·09	29·10	29·10
24	29·09	29·11	29·14	29·16	29·16	29·15	29·14	29·13	29·13	29·13	29·09	29·09
25	29·05	29·08	29·10	29·14	29·17	29·18	29·21	29·24	29·28	29·29	29·32	29·38
26	29·49	29·47	29·44	29·40	29·38	29·33	29·29	29·23	29·19	29·15	29·09	29·06
27	28·45	28·44	28·42	28·13	28·56	28·56	28·60	28·63	28·69	28·72	28·81	28·88
28	29·01	29·01	29·03	29·05	29·05	29·07	29·09	29·15	29·19	29·22	29·20	29·24
29	29·60	29·62	29·62	29·62	29·62	29·62	29·61	29·60	29·58	29·56	29·53	29·49
30	29·17	29·15	29·15	29·18	29·20	29·22	29·23	29·28	29·29	29·35	29·34	29·37
31	29·37	29·36	29·35	29·34	29·33	29·33	29·33	29·32	29·32	29·32	29·32	29·31
Mean ...	28·990	28·992	28·992	28·995	29·002	29·001	29·003	29·008	29·009	29·010	29·007	29·005

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
28·61	28·52	28·48	28·48	28·45	28·35	28·32	28·31	28·29	28·28	28·28	28·28	28·625	1
28·84	28·94	28·98	29·00	29·03	28·98	29·01	29·05	29·03	29·02	28·99	28·96	28·750	2
28·61	28·63	28·65	28·66	28·68	28·79	28·89	28·99	29·07	29·17	29·23	29·29	28·823	3
29·34	29·30	29·26	29·21	29·19	29·13	29·09	29·07	29·04	29·00	28·99	28·96	29·302	4
28·75	28·74	28·76	28·75	28·76	28·77	28·77	28·78	28·78	28·77	28·78	28·79	28·815	5
28·79	28·79	28·77	28·77	28·77	28·78	28·73	28·75	28·79	28·78	28·79	28·79	28·791	6
28·92	28·90	28·89	28·85	28·84	28·83	28·83	28·82	28·80	28·78	28·78	28·76	28·862	7
28·71	28·72	28·72	28·73	28·73	28·74	28·74	28·74	28·75	28·76	28·77	28·78	28·740	8
28·82	28·84	28·83	28·84	28·84	28·83	28·83	28·83	28·83	28·82	28·82	28·81	28·815	9
28·79	28·79	28·79	28·79	28·78	28·78	28·78	28·77	28·78	28·79	28·81	28·82	28·785	10
28·95	28·95	28·97	28·98	28·99	29·00	29·02	29·03	29·05	29·08	29·10	29·10	28·954	11
29·17	29·17	29·17	29·17	29·17	29·18	29·18	29·18	29·19	29·19	29·19	29·20	29·163	12
29·27	29·25	29·25	29·25	29·25	29·24	29·23	29·23	29·22	29·22	29·22	29·21	29·246	13
29·11	29·09	29·10	29·08	29·06	29·05	29·04	29·03	29·02	28·99	28·96	28·97	29·098	14
28·73	28·72	28·72	28·72	28·72	28·73	28·73	28·74	28·75	28·74	28·73	28·71	28·773	15
28·74	28·74	28·75	28·77	28·82	28·84	28·86	28·87	28·88	28·92	28·94	28·94	28·758	16
29·03	29·03	29·03	29·02	29·01	29·00	28·99	28·99	28·99	28·99	28·98	28·97	29·000	17
28·88	28·89	28·89	28·89	28·89	28·90	28·91	28·92	28·94	28·97	28·98	28·96	28·918	18
29·10	29·09	29·10	29·09	29·08	29·08	29·09	29·09	29·09	29·10	29·10	29·08	29·065	19
29·06	29·07	29·09	29·10	29·08	29·09	29·08	29·10	29·11	29·12	29·13	29·13	29·075	20
29·11	29·10	29·10	29·09	29·07	29·06	29·05	29·05	29·04	29·04	29·04	29·04	29·114	21
28·87	28·87	28·87	28·85	28·84	28·83	28·81	28·78	28·80	28·80	28·79	28·81	28·894	22
29·09	29·09	29·08	29·08	29·08	29·08	29·08	29·06	29·07	29·08	29·08	29·09	29·032	23
29·06	29·04	29·04	29·02	29·01	29·00	28·99	28·98	28·98	28·98	28·99	29·02	29·068	24
29·48	29·49	29·51	29·52	29·52	29·52	29·52	29·55	29·54	29·54	29·54	29·51	29·362	25
29·03	28·98	28·93	28·89	28·84	28·79	28·73	28·66	28·64	28·58	28·53	28·47	29·025	26
28·91	28·94	28·95	28·91	28·93	28·92	28·94	28·91	28·94	28·95	28·95	28·97	28·767	27
29·27	29·28	29·30	29·31	29·31	29·32	29·35	29·37	29·39	29·46	29·52	29·56	29·240	28
29·44	29·41	29·38	29·35	29·33	29·32	29·30	29·30	29·24	29·21	29·21	29·21	29·449	29
29·36	29·39	29·38	29·40	29·41	29·43	29·42	29·42	29·41	29·40	29·37	29·38	29·321	30
29·31	29·30	29·30	29·30	29·31	29·31	29·31	29·32	29·33	29·33	29·33	29·34	29·325	31
29·005	29·002	29·001	28·996	28·993	28·989	28·988	28·990	28·993	28·995	28·997	28·997	28·998	

AUGUST,

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·34	29·34	29·35	29·34	29·36	29·36	29·36	29·37	29·37	29·39	29·40	29·41
2	29·55	29·58	29·58	29·58	29·59	29·60	29·60	29·62	29·61	29·62	29·63	29·61
3	29·46	29·45	29·44	29·43	29·42	29·41	29·41	29·39	29·38	29·37	29·37	29·36
4	29·36	29·33	29·33	29·32	29·31	29·28	29·26	29·22	29·22	29·20	29·19	29·18
5	29·05	29·05	29·05	29·05	29·05	29·06	29·06	29·06	29·06	29·05	29·04	29·00
6	28·88	28·86	28·85	28·85	28·84	28·84	28·85	28·85	28·85	28·86	28·89	28·90
7	28·77	28·73	28·69	28·66	28·63	28·62	28·56	28·54	28·52	28·51	28·48	28·46
8	28·62	28·67	28·72	28·76	28·77	28·78	28·80	28·83	28·84	28·85	28·86	28·88
9	28·95	28·96	28·97	28·97	28·96	28·98	28·97	28·99	29·00	29·00	29·00	29·00
10	29·07	29·07	29·07	29·08	29·08	29·09	29·10	29·11	29·11	29·10	29·13	29·14
11	29·09	29·08	29·06	29·05	29·04	29·03	29·02	29·01	29·00	29·00	29·00	29·00
12	29·16	29·16	29·17	29·17	29·17	29·17	29·17	29·17	29·16	29·14	29·12	29·10
13	29·03	29·02	29·01	29·00	28·98	28·98	28·98	28·99	29·01	29·01	29·01	29·01
14	28·95	28·95	28·95	28·94	28·93	28·93	28·93	28·93	28·92	28·92	28·91	28·91
15	28·65	28·65	28·64	28·65	28·65	28·66	28·68	28·69	28·72	28·77	28·81	28·87
16	29·00	29·00	28·99	28·97	28·97	28·97	28·95	28·93	28·94	28·94	28·97	28·99
17	29·46	29·44	29·44	29·43	29·43	29·46	29·48	29·51	29·56	29·59	29·60	29·61
18	29·54	29·51	29·49	29·48	29·46	29·45	29·44	29·44	29·40	29·39	29·39	29·36
19	29·24	29·24	29·22	29·22	29·21	29·20	29·19	29·19	29·17	29·15	29·15	29·15
20	29·20	29·21	29·22	29·22	29·24	29·24	29·22	29·23	29·23	29·24	29·24	29·24
21	29·26	29·26	29·27	29·27	29·27	29·27	29·25	29·25	29·25	29·25	29·23	29·23
22	29·16	29·15	29·14	29·15	29·15	29·14	29·16	29·18	29·17	29·18	29·18	29·19
23	29·20	29·20	29·23	29·25	29·26	29·26	29·27	29·27	29·28	29·31	29·31	29·32
24	29·49	29·50	29·52	29·52	29·52	29·54	29·55	29·56	29·58	29·59	29·61	29·63
25	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·63	29·62	29·61	29·59
26	29·29	29·27	29·25	29·22	29·20	29·19	29·17	29·14	29·12	29·11	29·10	29·08
27	29·01	29·01	29·02	29·01	29·01	29·01	29·02	29·02	29·02	29·02	29·05	29·07
28	29·27	29·26	29·26	29·26	29·24	29·22	29·21	29·21	29·18	29·17	29·15	29·15
29	28·91	28·89	28·87	28·86	28·85	28·85	28·84	28·85	28·87	28·88	28·89	28·89
30	28·98	28·99	29·00	29·01	29·01	29·01	29·01	29·00	28·99	28·98	28·97	28·95
31	28·80	28·78	28·78	28·77	28·77	28·76	28·73	28·72	28·69	28·65	28·65	28·65
Mean	29·141	29·137	29·135	29·133	29·129	29·128	29·125	29·125	29·124	29·125	29·127	29·127

—HOURLY VALUES.

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
29·42	29·44	29·45	29·47	29·48	29·50	29·49	29·52	29·52	29·53	29·53	29·54	29·428	1
29·58	29·58	29·58	29·57	29·56	29·55	29·54	29·52	29·51	29·49	29·48	29·47	29·567	2
29·39	29·36	29·35	29·37	29·38	29·38	29·38	29·39	29·40	29·39	29·38	29·37	29·393	3
29·16	29·14	29·13	29·12	29·10	29·08	29·07	29·07	29·05	29·05	29·06	29·06	29·179	4
28·99	28·99	28·97	28·96	28·97	28·95	28·95	28·95	28·92	28·89	28·88	28·88	28·995	5
28·91	28·95	28·97	28·99	29·00	28·98	28·96	28·96	28·93	28·91	28·87	28·85	28·900	6
28·44	28·45	28·45	28·45	28·45	28·46	28·16	28·47	28·48	28·50	28·53	28·57	28·537	7
28·89	28·90	28·91	28·91	28·91	28·95	28·95	28·95	28·95	28·94	28·95	28·95	28·856	8
29·01	29·03	29·03	29·04	29·05	29·06	29·06	29·06	29·06	29·07	29·07	29·07	29·015	9
29·14	29·14	29·14	29·13	29·12	29·11	29·13	29·12	29·11	29·11	29·11	29·10	29·109	10
29·02	29·02	29·03	29·04	29·06	29·07	29·08	29·11	29·12	29·13	29·14	29·15	29·056	11
29·08	29·07	29·07	29·07	29·07	29·07	29·06	29·05	29·04	29·03	29·03	29·03	29·105	12
29·01	29·01	29·01	29·01	29·02	29·02	29·01	29·01	29·01	29·00	28·97	28·96	29·003	13
28·90	28·88	28·87	28·85	28·83	28·80	28·78	28·75	28·74	28·71	28·70	28·68	28·861	14
28·95	28·99	29·04	29·08	29·12	29·13	29·12	29·11	29·10	29·09	29·05	29·02	28·885	15
29·05	29·08	29·13	29·19	29·22	29·28	29·32	29·35	29·40	29·41	29·46	29·46	29·124	16
29·63	29·63	29·62	29·62	29·61	29·62	29·61	29·61	29·59	29·59	29·57	29·55	29·553	17
29·35	29·35	29·34	29·33	29·33	29·32	29·31	29·30	29·28	29·28	29·27	29·26	29·378	18
29·15	29·16	29·16	29·16	29·16	29·16	29·16	29·18	29·18	29·18	29·19	29·20	29·182	19
29·24	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·25	29·238	20
29·21	29·21	29·21	29·22	29·20	29·19	29·18	29·17	29·17	29·17	29·17	29·17	29·222	21
29·18	29·18	29·18	29·18	29·18	29·18	29·18	29·19	29·19	29·20	29·22	29·21	29·176	22
29·35	29·37	29·39	29·40	29·41	29·42	29·43	29·44	29·45	29·46	29·48	29·49	29·344	23
29·63	29·64	29·65	29·64	29·64	29·64	29·63	29·63	29·62	29·62	29·61	29·62	29·591	24
29·59	29·57	29·54	29·54	29·48	29·47	29·46	29·44	29·42	29·38	29·33	29·31	29·539	25
29·07	29·06	29·05	29·04	29·04	29·04	29·03	29·03	29·03	29·02	29·02	29·01	29·108	26
29·09	29·11	29·14	29·18	29·20	29·21	29·23	29·24	29·25	29·27	29·27	29·26	29·113	27
29·13	29·12	29·11	29·08	29·07	29·05	29·02	29·01	29·00	28·98	28·95	28·93	29·126	28
28·89	28·89	28·89	28·89	28·89	28·90	28·92	28·93	28·94	28·94	28·96	28·97	28·894	29
28·92	28·91	28·90	28·90	28·90	28·90	28·89	28·88	28·88	28·86	28·83	28·82	28·937	30
28·63	28·63	28·62	28·61	28·60	28·61	28·63	28·66	28·65	28·61	28·61	28·59	28·675	31
29·129	29·133	29·135	29·138	29·139	29·140	29·138	29·140	29·137	29·131	29·127	29·123	29·132	

TABLE 45. PRESSURE

SEPTEMBER,

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	• 11	12
Day.												
1	28·57	28·57	28·62	28·63	28·63	28·64	28·64	28·64	28·67	28·69	28·71	28·73
2	29·09	29·12	29·14	29·17	29·21	29·25	29·27	29·30	29·33	29·36	29·39	29·42
3	29·48	29·50	29·51	29·53	29·53	29·54	29·54	29·54	29·54	29·55	29·56	29·56
4	29·46	29·44	29·43	29·41	29·41	29·40	29·40	29·41	29·41	29·40	29·38	29·36
5	29·37	29·38	29·38	29·39	29·40	29·40	29·40	29·40	29·41	29·41	29·39	29·39
6	29·40	29·40	29·42	29·43	29·43	29·43	29·44	29·45	29·46	29·47	29·48	29·48
7	29·58	29·57	29·58	29·60	29·60	29·61	29·60	29·61	29·63	29·63	29·65	29·65
8	29·68	29·69	29·68	29·69	29·68	29·68	29·66	29·65	29·65	29·65	29·65	29·65
9	29·62	29·63	29·63	29·64	29·65	29·65	29·66	29·66	29·67	29·68	29·69	29·69
10	29·60	29·60	29·61	29·60	29·60	29·58	29·57	29·57	29·54	29·54	29·53	29·52
11	29·50	29·50	29·51	29·52	29·52	29·50	29·50	29·49	29·48	29·48	29·47	29·46
12	29·41	29·42	29·44	29·45	29·46	29·49	29·53	29·55	29·57	29·58	29·60	29·61
13	29·65	29·64	29·65	29·65	29·65	29·63	29·62	29·61	29·60	29·60	29·58	29·58
14	29·32	29·30	29·29	29·27	29·24	29·22	29·19	29·18	29·16	29·14	29·12	29·11
15	28·96	28·96	28·95	28·95	28·94	28·94	28·95	28·96	28·96	28·96	28·95	28·94
16	28·98	28·99	29·00	29·02	29·04	29·06	29·07	29·11	29·11	29·12	29·13	29·15
17	29·29	29·31	29·31	29·32	29·33	29·35	29·37	29·38	29·39	29·40	29·41	29·42
18	29·50	29·49	29·49	29·49	29·49	29·50	29·50	29·50	29·50	29·50	29·50	29·50
19	29·50	29·50	29·50	29·50	29·50	29·50	29·50	29·49	29·49	29·48	29·46	29·44
20	29·43	29·42	29·42	29·41	29·42	29·43	29·44	29·44	29·44	29·44	29·45	29·45
21	29·45	29·45	29·44	29·44	29·43	29·43	29·43	29·43	29·44	29·44	29·44	29·45
22	29·57	29·57	29·57	29·58	29·58	29·59	29·59	29·59	29·58	29·59	29·59	29·59
23	29·57	29·55	29·52	29·51	29·50	29·48	29·47	29·47	29·47	29·46	29·46	29·45
24	29·35	29·35	29·35	29·35	29·33	29·32	29·31	29·31	29·30	29·29	29·28	29·28
25	29·23	29·25	29·26	29·27	29·28	29·30	29·31	29·32	29·36	29·37	29·41	29·41
26	29·40	29·39	29·38	29·38	29·37	29·35	29·34	29·35	29·35	29·34	29·33	29·30
27	29·27	29·27	29·30	29·31	29·32	29·33	29·35	29·38	29·40	29·42	29·44	29·46
28	29·63	29·65	29·65	29·66	29·67	29·69	29·70	29·71	29·71	29·73	29·75	29·77
29	29·96	29·96	29·96	29·98	29·97	29·98	29·99	30·02	30·01	29·99	29·98	29·97
30	29·80	29·77	29·76	29·73	29·73	29·71	29·70	29·68	29·67	29·65	29·65	29·62
Mean	29·121	29·421	29·425	29·129	29·430	29·432	29·435	29·440	29·433	29·445	29·448	29·447

—HOURLY VALUES.

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
28·78	28·85	28·87	28·89	28·90	28·92	28·94	28·98	29·01	29·03	29·06	29·08	28·794	Day. 1
29·43	29·45	29·41	29·41	29·40	29·41	29·42	29·46	29·47	29·47	29·49	29·48	29·348	2
29·56	29·56	29·55	29·53	29·54	29·53	29·53	29·50	29·50	29·48	29·46	29·46	29·524	3
29·35	29·34	29·34	29·34	29·34	29·34	29·33	29·34	29·35	29·35	29·36	29·38	29·378	4
29·40	29·40	29·41	29·41	29·40	29·39	29·38	29·39	29·42	29·40	29·39	29·40	29·396	5
29·48	29·49	29·51	29·51	29·52	29·53	29·54	29·56	29·57	29·57	29·57	29·58	29·488	6
29·65	29·66	29·67	29·67	29·68	29·69	29·69	29·69	29·70	29·70	29·68	29·68	29·645	7
29·65	29·64	29·63	29·63	29·63	29·63	29·62	29·62	29·62	29·62	29·62	29·62	29·648	8
29·69	29·69	29·69	29·68	29·68	29·66	29·66	29·64	29·64	29·64	29·64	29·63	29·659	9
29·50	29·49	29·49	29·49	29·49	29·50	29·50	29·50	29·50	29·51	29·50	29·50	29·535	10
29·45	29·44	29·43	29·41	29·39	29·39	29·38	29·37	29·37	29·37	29·38	29·40	29·446	11
29·63	29·63	29·63	29·65	29·65	29·65	29·66	29·67	29·67	29·67	29·67	29·66	29·581	12
29·55	29·54	29·52	29·50	29·47	29·46	29·44	29·42	29·40	29·39	29·37	29·35	29·536	13
29·08	29·06	29·03	29·03	29·01	28·98	28·97	28·97	28·97	28·98	28·97	28·96	29·106	14
28·94	28·93	28·93	28·92	28·92	28·92	28·92	28·93	28·92	28·94	28·95	28·98	28·943	15
29·15	29·15	29·16	29·18	29·18	29·20	29·22	29·23	29·23	29·23	29·25	29·27	29·135	16
29·43	29·44	29·46	29·47	29·47	29·48	29·48	29·48	29·49	29·49	29·49	29·50	29·415	17
29·49	29·49	29·49	29·49	29·49	29·48	29·48	29·49	29·51	29·51	29·51	29·51	29·496	18
29·46	29·46	29·46	29·46	29·46	29·45	29·44	29·44	29·44	29·43	29·42	29·43	29·467	19
29·45	29·45	29·45	29·45	29·46	29·46	29·47	29·47	29·47	29·46	29·46	29·46	29·446	20
29·46	29·46	29·46	29·47	29·49	29·50	29·51	29·53	29·54	29·56	29·56	29·56	29·474	21
29·59	29·59	29·59	29·59	29·59	29·60	29·61	29·61	29·60	29·60	29·60	29·59	29·590	22
29·45	29·42	29·42	29·41	29·41	29·39	29·38	29·38	29·38	29·37	29·37	29·36	29·444	23
29·27	29·26	29·26	29·26	29·26	29·25	29·24	29·24	29·24	29·24	29·25	29·21	29·283	24
29·42	29·42	29·42	29·44	29·43	29·44	29·43	29·43	29·43	29·43	29·42	29·41	29·370	25
29·28	29·26	29·26	29·26	29·26	29·26	29·26	29·26	29·26	29·26	29·26	29·27	29·310	26
29·47	29·48	29·49	29·49	29·49	29·49	29·51	29·53	29·54	29·56	29·58	29·60	29·437	27
29·79	29·80	29·84	29·82	29·84	29·84	29·86	29·88	29·90	29·91	29·93	29·95	29·777	28
29·95	29·95	29·94	29·95	29·95	29·93	29·92	29·90	29·88	29·87	29·85	29·84	29·946	29
29·58	29·57	29·56	29·57	29·57	29·57	29·56	29·56	29·56	29·56	29·57	29·57	29·636	30
29·446	29·446	29·445	29·446	29·446	29·445	29·445	29·449	29·453	29·453	29·454	29·456	29·442	

OCTOBER.

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·57	29·58	29·61	29·61	29·63	29·63	29·64	29·64	29·63	29·61	29·61	29·60
2	29·57	29·57	29·58	29·57	29·58	29·58	29·60	29·61	29·61	29·59	29·57	29·55
3	29·27	29·25	29·25	29·22	29·17	29·16	29·16	29·15	29·14	29·13	29·13	29·11
4	29·06	29·05	29·04	29·03	29·02	29·00	28·98	28·96	28·94	28·92	28·89	28·88
5	28·97	28·99	29·01	29·01	29·01	29·01	29·02	29·03	29·04	29·04	29·04	29·04
6	29·03	29·02	29·01	29·02	29·01	29·01	29·00	29·01	29·02	29·01	29·01	29·02
7	29·05	29·05	29·06	29·06	29·06	29·07	29·08	29·09	29·09	29·09	29·09	29·09
8	29·05	29·04	29·04	29·03	29·03	29·02	29·01	29·01	28·99	28·98	28·97	28·97
9	28·97	28·97	28·97	28·98	28·98	28·99	28·98	28·99	28·98	28·97	28·97	28·98
10	29·00	28·98	28·99	28·99	28·99	28·99	28·99	28·99	28·99	28·99	28·99	28·99
11	29·10	29·11	29·11	29·13	29·14	29·17	29·18	29·19	29·19	29·19	29·20	29·20
12	29·20	29·21	29·21	29·22	29·23	29·24	29·26	29·28	29·28	29·30	29·30	29·30
13	29·31	29·31	29·31	29·31	29·31	29·30	29·31	29·30	29·28	29·28	29·28	29·27
14	29·16	29·15	29·15	29·13	29·14	29·13	29·13	29·13	29·13	29·12	29·11	29·10
15	28·97	28·96	28·96	28·96	28·96	28·97	28·97	28·98	28·99	28·98	28·99	28·98
16	28·98	28·99	28·98	28·97	28·97	28·96	28·96	28·96	28·96	28·95	28·95	28·94
17	29·03	29·04	29·05	29·06	29·08	29·08	29·09	29·11	29·12	29·13	29·13	29·12
18	29·16	29·16	29·15	29·15	29·15	29·14	29·14	29·14	29·14	29·12	29·12	29·12
19	29·11	29·11	29·11	29·11	29·14	29·14	29·14	29·14	29·15	29·16	29·16	29·16
20	29·16	29·17	29·17	29·17	29·18	29·18	29·18	29·18	29·18	29·18	29·18	29·19
21	29·24	29·25	29·26	29·26	29·27	29·28	29·29	29·29	29·29	29·29	29·29	29·29
22	29·23	29·23	29·23	29·21	29·19	29·19	29·18	29·17	29·15	29·15	29·14	29·12
23	29·08	29·08	29·08	29·09	29·10	29·10	29·10	29·12	29·12	29·13	29·13	29·14
24	29·14	29·14	29·14	29·13	29·13	29·13	29·13	29·13	29·13	29·13	29·13	29·14
25	29·14	29·13	29·14	29·14	29·14	29·15	29·15	29·16	29·16	29·16	29·16	29·16
26	29·17	29·16	29·16	29·16	29·15	29·15	29·14	29·14	29·13	29·13	29·13	29·12
27	29·04	29·04	29·04	29·04	29·04	29·04	29·04	29·04	29·02	29·02	29·02	29·01
28	28·91	28·90	28·88	28·88	28·87	28·86	28·85	28·85	28·84	28·84	28·84	28·83
29	28·82	28·82	28·81	28·81	28·81	28·82	28·82	28·83	28·83	28·83	28·83	28·84
30	28·83	28·82	28·82	28·82	28·82	28·81	28·80	28·80	28·80	28·80	28·80	28·80
31	28·80	28·80	28·80	28·79	28·79	28·79	28·79	28·78	28·79	28·79	28·80	28·80
Mean ...	29·101	29·099	29·101	29·099	29·100	29·100	29·100	29·103	29·100	29·097	29·095	29·092

—HOURLY VALUES.

1912.

Inches reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·60	29·60	29·58	29·57	29·58	29·58	29·57	29·57	29·57	29·58	29·57	29·57	29·596	1
29·53	29·51	29·48	29·46	29·45	29·43	29·41	29·39	29·36	29·34	29·32	29·32	29·499	2
29·09	29·10	29·10	29·09	29·09	29·09	29·09	29·09	29·08	29·08	29·07	29·07	29·133	3
28·87	28·85	28·85	28·85	28·85	28·84	28·84	28·85	28·86	28·87	28·89	28·92	28·921	4
29·04	29·05	29·04	29·04	29·04	29·05	29·04	29·03	29·04	29·04	29·03	29·02	29·028	5
29·03	29·03	29·03	29·02	29·02	29·02	29·03	29·04	29·05	29·04	29·04	29·04	29·023	6
29·09	29·08	29·08	29·07	29·07	29·06	29·06	29·06	29·06	29·05	29·06	29·05	29·070	7
28·96	28·95	28·95	28·95	28·95	28·95	28·96	28·96	28·97	28·97	28·97	28·97	28·985	8
28·98	28·98	28·98	28·99	29·00	29·00	28·99	28·99	29·00	29·00	29·00	29·00	28·985	9
28·99	28·99	28·99	29·01	29·01	29·01	29·01	29·04	29·05	29·07	29·07	29·08	29·008	10
29·20	29·19	29·19	29·19	29·19	29·19	29·18	29·19	29·18	29·19	29·19	29·20	29·175	11
29·33	29·33	29·33	29·33	29·33	29·33	29·32	29·32	29·32	29·32	29·32	29·31	29·288	12
29·27	29·26	29·26	29·25	29·25	29·25	29·24	29·23	29·22	29·21	29·19	29·17	29·265	13
29·09	29·08	29·07	29·06	29·05	29·05	29·04	29·03	29·01	29·00	28·99	28·98	29·085	14
28·99	28·99	28·99	28·98	28·98	28·99	28·99	28·98	28·97	28·98	28·97	28·97	28·977	15
28·94	28·94	28·94	28·95	28·95	28·96	28·95	28·97	28·98	28·98	28·99	29·02	28·964	16
29·13	29·14	29·15	29·15	29·15	29·15	29·16	29·17	29·17	29·17	29·17	29·16	29·121	17
29·11	29·10	29·09	29·10	29·10	29·10	29·08	29·09	29·11	29·11	29·12	29·12	29·122	18
29·16	29·16	29·16	29·16	29·15	29·15	29·16	29·16	29·16	29·16	29·16	29·16	29·147	19
29·19	29·19	29·20	29·20	29·20	29·20	29·20	29·21	29·22	29·22	29·13	29·23	29·188	20
29·28	29·28	29·28	29·28	29·27	29·27	29·27	29·27	29·27	29·26	29·26	29·24	29·272	21
29·11	29·10	29·10	29·09	29·08	29·08	29·08	29·08	29·08	29·08	29·08	29·08	29·135	22
29·14	29·14	29·14	29·15	29·14	29·14	29·14	29·14	29·15	29·15	29·14	29·14	29·124	23
29·14	29·13	29·13	29·13	29·13	29·13	29·13	29·14	29·14	29·14	29·13	29·14	29·134	24
29·16	29·16	29·16	29·17	29·18	29·17	29·16	29·17	29·17	29·18	29·17	29·17	29·159	25
29·11	29·10	29·10	29·08	29·08	29·07	29·07	29·07	29·07	29·06	29·06	29·06	29·111	26
28·99	28·99	28·99	28·98	28·97	28·96	28·96	28·94	28·93	28·93	28·92	28·91	28·994	27
28·83	28·83	28·83	28·82	28·82	28·82	28·82	28·82	28·83	28·82	28·82	28·82	28·843	28
28·85	28·84	28·84	28·84	28·84	28·83	28·83	28·83	28·83	28·83	28·83	28·83	28·829	29
28·79	28·79	28·79	28·79	28·79	28·79	28·79	28·79	28·79	28·80	28·80	28·80	28·801	30
28·81	28·81	28·81	28·81	28·82	28·82	28·82	28·83	28·83	28·84	28·84	28·85	28·809	31
29·090	29·087	29·085	29·083	29·082	29·080	29·077	29·079	29·080	29·080	29·074	29·077	29·090	

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	28·85	28·85	28·86	28·87	28·87	28·87	28·89	28·90	28·90	28·91	28·92	28·92
2	28·89	28·87	28·86	28·84	28·83	28·82	28·82	28·80	28·79	28·77	28·77	28·77
3	28·84	28·86	28·87	28·88	28·89	28·91	28·92	28·94	28·95	28·99	28·98	29·02
4	29·21	29·22	29·22	29·22	29·22	29·23	29·22	29·23	29·24	29·24	29·24	29·24
5	29·30	29·30	29·30	29·30	29·31	29·31	29·31	29·31	29·30	29·30	29·30	29·29
6	29·14	29·12	29·11	29·11	29·10	29·10	29·10	29·10	29·09	29·08	29·09	29·09
7	29·15	29·15	29·16	29·16	29·17	29·17	29·18	29·19	29·20	29·19	29·20	29·20
8	29·37	29·38	29·39	29·41	29·42	29·43	29·43	29·47	29·48	29·50	29·51	29·52
9	29·52	29·52	29·51	29·49	29·48	29·47	29·47	29·44	29·43	29·42	29·41	29·40
10	29·34	29·33	29·33	29·33	29·33	29·34	29·34	29·34	29·35	29·35	29·35	29·35
11	29·34	29·33	29·32	29·31	29·30	29·29	29·28	29·27	29·26	29·25	29·24	29·24
12	29·23	29·24	29·23	29·25	29·23	29·24	29·24	29·22	29·22	29·23	29·23	29·23
13	29·30	29·30	29·32	29·31	29·32	29·33	29·34	29·35	29·36	29·36	29·36	29·35
14	29·38	29·38	29·37	29·36	29·36	29·36	29·36	29·34	29·32	29·31	29·29	29·26
15	28·99	28·98	28·95	28·93	28·91	28·90	28·88	28·87	28·85	28·84	28·83	28·82
16	28·75	28·74	28·73	28·72	28·70	28·70	28·69	28·67	28·65	28·65	28·65	28·65
17	28·70	28·71	28·72	28·72	28·73	28·74	28·74	28·75	28·75	28·75	28·74	28·73
18	*28·86*	*28·88*	*28·90*	*28·92*	*28·94*	*28·96*	*28·96*	28·96	28·93	28·94	28·92	28·91
19	28·82	28·82	28·82	28·82	28·81	28·82	28·82	28·81	28·81	28·82	28·82	28·82
20	28·95	28·97	28·99	29·00	29·00	29·03	29·04	29·05	29·06	29·08	29·09	29·10
21	29·26	29·26	29·26	29·27	29·27	29·28	29·28	29·29	29·30	29·31	29·32	29·34
22	29·52	29·53	29·55	29·56	29·57	29·58	29·60	29·61	29·62	29·63	29·64	29·65
23	29·67	29·66	29·66	29·66	29·66	29·66	29·67	29·68	29·68	29·68	29·69	29·69
24	29·69	29·68	29·68	29·68	29·67	29·67	29·67	29·68	29·69	29·68	29·68	29·68
25	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·63
26	29·60	29·59	29·58	29·57	29·57	29·57	29·56	29·56	29·56	29·56	29·54	29·54
27	29·46	29·46	29·46	29·45	29·46	29·46	29·47	29·47	29·48	29·48	29·50	29·50
28	29·56	29·57	29·58	29·58	29·60	29·61	29·62	29·63	29·65	29·65	29·67	29·68
29	29·66	29·67	29·67	29·67	29·66	29·66	29·66	29·65	29·65	29·65	29·64	29·62
30	29·54	29·54	29·54	29·53	29·55	29·54	29·54	29·56	29·56	29·57	29·57	29·57
Mean ...	29·251	29·251	29·252	29·252	29·252	29·256	29·258	29·259	29·259	29·261	29·261	29·260

—HOURLY VALUES.

1912.

Inches reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		Day.
28·93	28·94	28·94	28·94	28·94	28·94	28·94	28·93	28·93	28·92	28·91	28·90	28·907	1
28·76	28·76	28·76	28·76	28·76	28·77	28·77	28·78	28·79	28·80	28·81	28·82	28·799	2
29·03	29·04	29·06	29·07	29·09	29·10	29·11	29·13	29·14	29·16	29·18	29·20	29·015	3
29·24	29·24	29·24	29·26	29·26	29·27	29·27	29·28	29·29	29·29	29·29	29·29	29·248	4
29·28	29·26	29·24	29·23	29·23	29·22	29·19	29·18	29·17	29·17	29·16	29·14	29·254	5
29·09	29·09	29·09	29·09	29·09	29·10	29·10	29·11	29·12	29·13	29·14	29·15	29·105	6
29·21	29·22	29·23	29·24	29·26	29·27	29·28	29·29	29·31	29·33	29·34	29·35	29·227	7
29·53	29·53	29·54	29·54	29·55	29·54	29·55	29·55	29·55	29·55	29·55	29·54	29·493	8
29·39	29·37	29·37	29·36	29·35	29·34	29·34	29·34	29·34	29·34	29·34	29·34	29·408	9
29·35	29·35	29·36	29·36	29·36	29·36	29·36	29·36	29·36	29·35	29·35	29·35	29·348	10
29·23	29·24	29·24	29·25	29·25	29·23	29·23	29·23	29·22	29·22	29·22	29·23	29·259	11
29·23	29·22	29·21	29·23	29·25	29·25	29·25	29·25	29·26	29·29	29·29	29·30	29·243	12
29·35	29·35	29·35	29·36	29·36	29·37	29·38	29·37	29·38	29·38	29·38	29·38	29·350	13
29·24	29·22	29·18	29·16	29·15	29·12	29·11	29·08	29·07	29·03	29·02	29·01	29·228	14
28·81	28·79	28·79	28·78	28·77	28·77	28·77	28·77	28·77	28·76	28·76	28·76	28·835	15
28·65	28·64	28·64	28·65	28·65	28·66	28·67	28·68	28·68	28·69	28·69	28·70	28·679	16
28·73	28·72	28·72	28·72	28·72	28·73	*28·75*	*28·77*	*28·79*	*28·80*	*28·82*	*28·84*	28·745	17
28·89	28·88	28·87	28·86	28·84	28·84	28·84	28·84	28·84	28·84	28·82	28·82	28·886	18
28·82	28·84	28·87	28·87	28·88	28·88	28·88	28·90	28·91	28·92	28·93	28·95	28·853	19
29·13	29·14	29·16	29·17	29·19	29·20	29·21	29·22	29·23	29·24	29·25	29·25	29·115	20
29·34	29·35	29·36	29·38	29·39	29·41	29·43	29·45	29·46	29·48	29·49	29·50	29·353	21
29·66	29·66	29·65	29·66	29·66	29·67	29·67	29·67	29·67	29·68	29·67	29·67	29·627	22
29·69	29·69	29·69	29·69	29·69	29·70	29·70	29·70	29·70	29·70	29·70	29·69	29·683	23
29·68	29·68	29·68	29·67	29·66	29·66	29·66	29·66	29·65	29·63	29·64	29·63	29·669	24
29·63	29·63	29·63	29·63	29·63	29·63	29·63	29·62	29·61	29·61	29·61	29·60	29·626	25
29·54	29·52	29·51	29·50	29·49	29·49	29·49	29·49	29·49	29·48	29·47	29·46	29·530	26
29·50	29·50	29·51	29·50	29·52	29·52	29·52	29·52	29·52	29·52	29·55	29·55	29·495	27
29·68	29·69	29·70	29·69	29·69	29·69	29·68	29·68	29·67	29·66	29·67	29·66	29·648	28
29·60	29·60	29·60	29·60	29·60	29·58	29·57	29·57	29·56	29·55	29·55	29·54	29·616	29
29·57	29·58	29·59	29·60	29·59	29·60	29·61	29·62	29·63	29·63	29·64	29·65	29·581	30
29·259	29·258	29·259	29·261	29·262	29·264	29·265	29·268	29·270	29·272	29·275	29·276	29·261	

DECEMBER,

CAPE EVANS.

Local time.	0	1	2	3	4	5	6	7	8	9	10	11
Standard time.	1	2	3	4	5	6	7	8	9	10	11	12
Day.												
1	29·65	29·65	29·65	29·65	29·65	29·66	29·66	29·67	29·67	29·67	29·67	29·67
2	29·66	29·65	29·64	29·63	29·62	29·61	29·60	29·59	29·58	29·57	29·56	29·55
3	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46
4	29·46	29·46	29·45	29·45	29·45	29·44	29·44	29·44	29·44	29·44	29·45	29·45
5	29·50	29·51	29·51	29·52	29·52	29·53	29·54	29·55	29·56	29·57	29·58	29·59
6	29·62	29·62	29·62	29·62	29·61	29·61	29·60	29·59	29·59	29·59	29·59	29·59
7	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·59	29·59	29·59	29·59	29·59
8	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61
9	29·63	29·63	29·62	29·62	29·61	29·61	29·60	29·60	29·60	29·59	29·59	29·59
10	29·59	29·59	29·58	29·58	29·58	29·58	29·58	29·57	29·56	29·56	29·56	29·55
11	29·43	29·42	29·41	29·39	29·39	29·39	29·38	29·36	29·35	29·34	29·34	29·33
12	29·24	29·23	29·21	29·20	29·19	29·18	29·17	29·17	29·17	29·16	29·16	29·16
13	29·17	29·18	29·18	29·19	29·20	29·21	29·21	29·21	29·22	29·22	29·22	29·23
14	29·20	29·18	29·18	29·18	29·18	29·17	29·16	29·16	29·15	29·15	29·14	29·13
15	29·01	29·01	29·00	28·99	28·99	28·98	28·98	28·98	28·97	28·96	28·96	28·96
16	28·96	28·96	28·96	28·97	28·98	28·99	29·00	28·98	28·98	28·98	28·98	28·97
17	28·92	28·91	28·91	28·91	28·91	28·91	28·90	28·88	28·87	28·88	28·89	28·91
18	29·06	29·06	29·07	29·07	29·07	29·08	29·08	29·08	29·09	29·09	29·09	29·09
19	29·07	29·07	29·07	29·07	29·07	29·07	29·08	29·08	29·09	29·10	29·11	29·12
20	29·22	29·22	29·24	29·24	29·24	29·25	29·26	29·27	29·28	29·28	29·28	29·28
21	29·29	29·28	29·28	29·27	29·27	29·27	29·27	29·25	29·25	29·25	29·25	29·25
22	29·19	29·19	29·19	29·19	29·19	29·19	29·19	29·18	29·18	29·18	29·19	29·19
23	29·21	29·21	29·21	29·21	29·21	29·20	29·19	29·19	29·20	29·18	29·18	29·18
24	29·08	29·07	29·06	29·05	29·04	29·03	29·02	29·01	29·00	29·00	28·99	28·98
25	28·89	28·89	28·88	28·87	28·87	28·87	28·86	28·85	28·85	28·84	28·85	28·84
26	28·74	28·73	28·72	28·72	28·72	28·71	28·71	28·70	28·70	28·69	28·71	28·69
27	28·67	28·67	28·67	28·67	28·67	28·68	28·68	28·68	28·68	28·68	28·69	28·70
28	28·94	28·95	28·95	28·95	28·96	28·96	28·96	28·97	28·98	29·00	29·01	29·00
29	28·86	28·85	28·84	28·82	28·80	28·79	28·77	28·74	28·70	28·69	28·66	28·64
30	28·49	28·50	28·50	28·50	28·51	28·52	28·53	28·55	28·54	28·56	28·59	28·60
31	28·85	28·87	28·88	28·89	28·90	28·92	28·93	28·94	28·95	28·96	28·97	28·96
Mean ...	29·202	29·200	29·198	29·196	29·195	29·195	29·194	29·190	29·189	29·188	29·191	29·189

—HOURLY VALUES.

1912.

Inches—reduced to 32° F., sea level and gravity at 45°.

12	13	14	15	16	17	18	19	20	21	22	23	Mean.	
13	14	15	16	17	18	19	20	21	22	23	24		
													Day.
29·67	29·68	29·68	29·68	29·68	29·68	29·68	29·68	29·68	29·67	29·67	29·66	29·668	1
29·54	29·53	29·52	29·51	29·50	29·49	29·48	29·47	29·46	29·46	29·46	29·46	29·548	2
29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·46	29·460	3
29·45	29·45	29·45	29·46	29·46	29·46	29·47	29·48	29·48	29·49	29·49	29·50	29·459	4
29·59	29·60	29·60	29·60	29·61	29·61	29·61	29·61	29·61	29·61	29·62	29·62	29·574	5
29·59	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·58	29·593	6
29·60	29·60	29·60	29·60	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·61	29·595	7
29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·62	29·63	29·63	29·63	29·63	29·617	8
29·59	29·59	29·59	29·59	29·59	29·59	29·59	29·59	29·60	29·60	29·60	29·59	29·600	9
29·53	29·52	29·51	29·50	29·49	29·49	29·48	29·47	29·47	29·15	29·44	29·44	29·528	10
29·33	29·32	29·30	29·28	29·28	29·28	29·27	29·26	29·26	29·25	29·25	29·24	29·327	11
29·16	29·16	29·16	29·16	29·16	29·16	29·15	29·16	29·16	29·16	29·16	29·17	29·173	12
29·23	29·23	29·23	29·23	29·23	29·23	29·22	29·22	29·21	29·21	29·20	29·20	29·212	13
29·13	29·12	29·10	29·09	29·08	29·07	29·06	29·05	29·04	29·04	29·03	29·02	29·117	14
28·95	28·95	28·95	28·96	28·95	28·95	28·95	28·95	28·95	28·95	28·97	28·96	28·968	15
28·97	28·97	28·97	28·94	28·94	28·94	28·94	28·94	28·94	28·93	28·92	28·92	28·960	16
28·92	28·92	28·93	28·96	28·99	29·02	29·03	29·05	29·05	29·06	29·06	29·06	28·952	17
29·09	29·08	29·08	29·07	29·06	29·06	29·05	29·05	29·05	29·06	29·06	29·06	29·071	18
29·12	29·14	29·14	29·15	29·15	29·16	29·16	29·17	29·18	29·20	29·20	29·21	29·124	19
29·28	29·28	29·28	29·28	29·28	29·28	29·28	29·29	29·29	29·29	29·29	29·29	29·270	20
29·24	29·23	29·23	29·22	29·21	29·21	29·21	29·21	29·21	29·20	29·19	29·19	29·239	21
29·19	29·19	29·19	29·20	29·20	29·20	29·20	29·20	29·21	29·20	29·21	29·21	29·194	22
29·17	29·16	29·15	29·14	29·13	29·13	29·12	29·12	29·10	29·10	29·10	29·09	29·162	23
28·97	28·96	28·95	28·94	28·93	28·91	28·91	28·91	28·90	28·90	28·90	28·89	28·975	24
28·84	28·83	28·82	28·80	28·80	28·79	28·78	28·77	28·77	28·76	28·76	28·75	28·826	25
28·68	28·68	28·68	28·67	28·68	28·68	28·68	28·68	28·68	28·68	28·68	28·68	28·695	26
28·71	28·73	28·75	28·77	28·79	28·81	28·84	28·85	28·88	28·90	28·92	28·93	28·751	27
29·00	28·99	28·97	28·96	28·95	28·93	28·92	28·91	28·89	28·88	28·87	28·87	28·949	28
28·62	28·60	28·58	28·56	28·54	28·53	28·53	28·52	28·50	28·50	28·50	28·49	28·651	29
28·61	28·64	28·66	28·68	28·71	28·74	28·76	28·78	28·80	28·81	28·83	28·84	28·635	30
28·97	28·97	28·97	28·98	28·98	28·98	28·97	28·97	28·97	28·96	28·96	*28·96*	28·944	31
29·188	29·186	29·184	29·182	29·182	29·182	29·181	29·182	29·181	29·181	29·181	29·180	29·188	

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

March. 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 15°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—
7	29·15	29·17	29·20	29·21	29·24	29·25	29·27	29·28	29·30	29·31	29·33	29·35	29·25
8	29·36	29·38	29·40	29·41	29·42	29·10	29·43	29·42	29·40	29·39	29·39	29·39	29·40
9	29·40	29·39	29·38	29·38	29·37	29·36	29·35	29·33	29·31	29·29	29·27	29·24	29·34
10	29·23	29·20	29·16	29·11	29·06	29·01	28·96	28·92	28·91	28·91	28·96	28·99	29·04
11	29·01	29·01	29·03	29·05	29·07	29·10	29·12	29·12	29·14	29·14	29·14	29·13	29·09
12	29·12	29·10	29·07	29·03	29·02	29·06	29·07	29·10	29·11	29·09	29·11	29·11	29·08
13	29·11	29·10	29·10	29·09	29·11	29·10	29·10	29·10	29·10	29·11	29·10	29·11	29·10
14	29·10	29·09	29·08	29·07	29·04	29·03	29·01	29·01	28·99	28·98	28·97	28·97	29·03
15	28·96	28·93	28·92	28·91	28·87	28·85	28·82	28·79	28·79	28·78	28·78	28·78	28·85
16	28·78	28·80	28·80	28·81	28·81	28·82	28·82	28·81	28·81	28·79	28·79	28·80	28·80
17	28·80	28·81	28·83	28·84	28·84	28·80	28·78	28·76	28·82	28·90	28·95	29·02	28·85
18	29·08	29·12	29·16	29·19	29·21	29·21	29·21	29·21	29·22	29·24	29·27	29·30	29·20
19	29·33	29·35	29·35	29·34	29·26	29·20	29·13	29·07	29·01	29·00	28·93	28·92	29·16
20	28·90	28·85	28·85	28·88	28·87	28·91	28·94	28·97	28·99	29·03	29·06	29·08	28·94
21	29·11	29·12	29·14	29·15	29·17	29·19	29·21	29·21	29·28	29·31	29·31	29·38	29·22
22	29·39	29·40	29·39	29·37	29·32	29·30	29·24	29·18	29·08	29·01	28·99	28·97	29·22
23	28·96	28·95	28·94	28·93	28·93	28·97	28·98	28·97	28·99	29·00	29·01	29·05	28·97
24	29·06	29·06	29·08	29·09	29·10	29·11	29·10	29·09	29·09	29·09	29·10	29·09	29·09
25	29·10	29·10	29·11	29·12	29·13	29·14	29·14	29·15	29·15	29·17	29·15	29·16	29·13
26	29·16	29·16	29·16	29·15	29·15	29·15	29·13	29·11	29·10	29·10	29·07	29·07	29·13
27	29·05	29·05	29·05	29·05	29·05	29·06	29·06	29·08	29·08	29·09	29·10	29·11	29·07
28	29·12	29·12	29·14	29·15	29·15	29·18	29·19	29·22	29·23	29·23	29·26	29·27	29·19
29	29·30	29·30	29·30	29·33	29·35	29·35	29·35	29·35	29·35	29·36	29·37	29·36	29·34
30	29·36	29·36	29·36	29·36	29·37	29·37	29·36	29·32	29·32	29·32	29·31	29·30	29·34
31	29·30	29·28	29·26	29·24	29·22	29·22	29·21	29·19	29·18	29·18	29·19	29·19	29·22
Mean	29·129	29·128	29·130	29·129	29·125	29·125	29·120	29·111	29·109	29·114	29·117	29·125	29·122

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

April, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	29·19	29·17	29·18	29·19	29·17	29·18	29·18	29·18	29·18	29·20	29·22	29·24	29·19
2	29·26	29·28	29·30	29·31	29·30	29·29	29·26	29·22	29·21	29·20	29·18	29·17	29·25
3	29·15	29·16	29·16	29·18	29·17	29·17	29·16	29·15	29·13	29·12	29·08	29·08	29·14
4	29·08	29·07	29·08	29·07	29·04	29·02	28·99	28·95	28·92	28·88	28·87	28·87	28·99
5	28·87	28·85	28·85	28·86	28·86	28·89	28·93	28·96	29·01	29·05	29·08	29·12	28·94
6	29·14	29·16	29·19	29·20	29·19	29·18	29·17	29·10	29·08	29·04	29·01	28·99	29·12
7	28·97	28·93	28·91	28·89	28·90	28·89	28·89	28·87	28·91	28·91	28·93	28·94	28·91
8	28·95	28·97	28·96	28·95	28·99	29·03	29·06	29·08	29·11	29·15	29·18	29·18	29·05
9	29·18	29·17	29·17	29·12	29·13	29·14	29·11	29·14	29·14	29·15	29·16	29·17	29·15
10	29·16	29·15	29·14	29·13	29·11	29·07	29·05	29·00	28·91	28·86	28·80	28·75	29·01
11	28·68	28·68	28·69	28·69	28·69	28·75	28·79	28·80	28·83	28·85	28·90	28·91	28·77
12	28·94	28·96	29·00	29·03	29·08	29·09	29·12	29·14	29·18	29·23	29·26	29·29	29·11
13	29·33	29·37	29·39	29·42	29·45	29·48	29·52	29·55	29·58	29·61	29·65	29·68	29·50
14	29·71	29·74	29·76	29·78	29·78	29·78	29·76	29·70	29·58	29·17	29·35	29·39	29·65
15	29·42	29·42	29·40	29·38	29·31	29·31	29·32	29·33	29·34	29·35	29·35	29·36	29·36
16	29·41	29·12	29·45	29·46	29·49	29·51	29·56	29·56	29·60	29·62	29·64	29·65	29·53
17	29·67	29·68	29·68	29·69	29·69	29·68	29·67	29·62	29·57	29·53	29·47	29·28	29·61
18	29·32	29·24	29·16	29·10	29·06	29·05	29·03	29·00	28·98	28·89	28·87	28·85	29·05
19	28·85	28·88	28·92	28·96	29·00	29·05	29·09	29·12	29·15	29·18	29·17	29·18	29·05
20	29·18	29·17	29·17	29·19	29·22	29·23	29·24	29·27	29·30	29·30	29·32	29·32	29·24
21	29·34	29·34	29·32	29·31	29·31	29·31	29·32	29·31	29·31	29·31	29·31	29·31	29·31
22	29·31	29·29	29·29	29·30	29·30	29·27	29·26	29·23	29·21	29·18	29·17	29·17	29·25
23	29·16	29·16	29·18	29·21	29·23	29·25	29·26	29·26	29·29	29·32	29·32	29·34	29·25
24	*29·36*	*29·38*	*29·40*	*29·43*	*29·43*	*29·43*	29·43	29·41	29·43	29·47	29·51	29·54	29·41
25	29·56	29·57	29·57	29·57	29·56	29·56	29·57	29·55	*29·52*	*29·50*	*29·50*	*29·51*	29·54
26	*29·52*	*29·53*	*29·55*	*29·56*	*29·58*	*29·59*	*29·61*	*29·61*	*29·61*	*22·60*	*29·59*	*29·56*	29·58
27	*29·54*	*29·52*	*29·50*	*29·48*	*29·46*	*29·45*	*29·43*	*29·42*	*29·41*	*29·39*	*29·39*	*29·39*	29·15
28	*29·38*	*29·38*	*29·37*	29·37	29·37	29·37	29·37	29·36	29·34	29·32	29·31	29·31	29·35
29	29·31	29·30	29·31	29·30	29·30	29·31	29·33	29·33	29·34	29·33	29·31	29·35	29·32
30	29·35	29·38	29·40	29·40	29·41	29·45	29·46	29·48	29·48	29·49	29·50	29·51	29·44
Mean	29·241	29·244	29·218	29·250	29·254	29·259	29·265	29·256	29·254	29·219	29·246	29·250	29·251

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

May, 1911.

CAPE ADARE. Inches—reduced to 32° F., sea level and gravity at 45°.

Local time.	0	2	1	6	8	10	12	14	16	18	20	22	Mean
Day.													
1	29·50	29·51	29·51	29·50	29·48	29·47	29·44	29·42	29·42	29·41	29·41	29·41	29·46
2	29·40	29·40	29·40	29·40	29·41	29·41	29·42	29·43	29·45	29·46	29·49	29·50	29·43
3	29·51	29·51	29·52	29·51	29·50	29·50	29·50	29·49	29·48	29·45	29·43	29·42	29·49
4	29·41	29·40	29·40	29·40	29·38	29·37	29·38	29·38	29·37	29·36	29·36	29·37	29·38
5	29·37	29·35	29·34	29·33	29·31	29·30	29·30	29·29	29·28	29·25	29·22	29·20	29·29
6	29·16	29·07	29·05	29·01	29·04	29·04	29·09	29·15	29·29	29·37	29·42	29·50	29·18
7	29·52	29·58	29·64	29·65	29·66	29·64	29·63	29·58	29·53	29·47	29·40	29·28	29·55
8	29·23	29·19	29·11	29·08	29·11	29·15	29·17	29·22	29·25	29·27	29·28	29·29	29·19
9	29·27	29·27	29·22	29·18	29·13	29·06	29·02	28·96	28·93	28·90	28·86	28·92	29·06
10	28·92	28·93	28·92	28·89	28·93	28·91	28·92	28·95	28·97	29·00	29·01	29·02	28·95
11	29·05	29·05	29·05	29·05	29·06	29·07	29·07	29·03	29·03	28·96	28·94	28·93	29·02
12	28·93	28·91	28·89	28·89	28·88	28·87	28·84	28·83	28·84	28·84	28·87	28·91	28·87
13	28·93	28·93	28·95	28·98	29·01	29·04	29·06	29·06	29·05	29·04	29·03	29·01	29·01
14	28·98	28·96	28·93	28·91	28·86	28·82	28·76	28·71	28·68	28·66	28·66	28·66	28·80
15	28·69	28·69	28·70	28·72	28·72	28·73	28·72	28·70	28·68	28·68	28·66	28·63	28·69
16	28·63	28·63	28·62	28·61	28·57	28·54	28·48	28·40	28·35	28·32	28·35	28·44	28·49
17	28·55	28·71	28·77	28·81	28·91	29·00	29·10	29·16	29·21	29·23	29·25	29·24	29·00
18	29·21	29·15	29·09	29·04	28·89	28·72	28·70	28·72	28·75	28·66	28·68	28·70	28·86
19	28·76	28·80	28·80	28·80	28·85	28·96	29·06	29·16	29·29	29·41	29·47	29·50	29·07
20	29·51	29·51	29·49	29·46	29·39	29·33	29·23	29·11	28·99	28·93	28·93	28·94	29·23
21	28·99	29·05	29·10	29·15	29·21	29·23	29·21	29·15	29·10	29·02	28·96	28·88	29·09
22	28·80	28·79	28·78	28·78	28·79	28·78	28·79	28·82	28·88	28·95	28·98	29·00	28·85
23	29·00	28·98	28·96	28·93	28·90	28·86	28·84	28·84	28·83	28·83	28·82	28·81	28·88
24	28·82	28·80	28·78	28·73	28·70	28·65	29·59	28·54	28·49	28·47	28·45	28·45	28·62
25	28·43	28·41	28·48	28·53	28·59	28·67	28·73	28·77	28·81	28·85	28·89	28·94	28·68
26	28·97	29·00	29·02	29·05	29·07	29·06	29·06	29·05	29·05	29·04	29·04	29·01	29·04
27	29·05	29·08	29·12	29·14	29·17	29·21	29·25	29·30	29·36	29·42	29·50	29·55	29·26
28	29·60	29·61	29·63	29·62	29·62	29·60	29·56	29·51	29·45	29·39	29·33	29·30	29·52
29	29·25	29·20	29·15	29·11	29·08	29·03	28·97	28·95	28·92	28·88	28·86	28·84	29·02
30	28·83	28·85	28·89	28·94	29·00	29·06	29·10	29·13	29·13	29·15	29·18	29·15	29·03
31	29·11	29·05	28·98	28·91	28·84	28·79	28·78	28·78	28·78	28·79	28·79	28·76	28·86
Mean	29·077	29·076	29·073	29·070	29·067	29·061	29·056	29·050	29·053	29·057	29·049	29·051	29·061

TABLE 46. PRESSURE. TWO-HOURLY VALUES.

June, 1911.

CAPE ADARE. Inches—reduced to 32° F., sea level and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean
Day.													
1	28·79	28·79	28·79	28·81	28·78	28·78	28·77	28·76	28·73	28·69	28·61	28·69	28·75
2	28·72	28·79	28·83	28·81	28·86	28·93	28·99	29·00	29·02	29·03	29·08	29·14	28·91
3	29·19	29·21	29·25	29·27	29·31	29·32	29·32	29·34	29·34	29·31	29·35	29·35	29·30
4	29·37	29·38	29·39	29·40	29·39	29·38	29·35	29·35	29·29	29·26	29·19	29·13	29·32
5	29·07	28·98	28·91	28·83	28·79	28·77	28·76	28·82	28·83	28·85	28·87	28·91	28·87
6	28·94	28·99	29·05	29·08	29·15	29·17	29·18	29·21	29·24	29·25	29·26	29·27	29·15
7	29·26	29·24	29·24	29·24	29·23	29·21	29·19	29·14	29·08	29·03	29·00	28·97	29·15
8	28·93	28·89	28·87	28·84	28·83	28·81	28·83	28·82	28·83	28·86	28·88	28·88	28·86
9	28·88	28·91	28·95	28·97	29·00	29·02	29·04	29·04	29·02	28·98	28·91	28·87	28·97
10	28·82	28·76	28·73	28·75	28·80	28·84	28·88	28·92	28·93	28·96	29·00	29·02	28·87
11	29·04	29·05	29·07	29·09	29·09	29·11	29·13	29·16	29·18	29·21	29·23	29·23	29·13
12	29·21	29·21	29·19	29·18	29·14	29·12	29·10	29·08	29·07	29·06	29·05	29·06	29·12
13	29·06	29·06	29·05	29·01	29·06	29·06	29·07	29·11	29·13	29·16	29·19	29·20	29·10
14	29·24	29·25	29·25	29·26	29·27	29·27	29·27	29·27	29·26	29·25	29·25	29·23	29·25
15	29·23	29·23	29·22	29·19	29·18	29·17	29·16	29·14	29·15	29·13	29·13	29·12	29·17
16	29·10	29·08	29·06	29·05	29·03	29·02	29·01	29·00	28·99	28·99	29·01	29·02	29·03
17	29·03	29·05	29·06	29·08	29·11	29·14	29·17	29·19	29·26	29·31	29·38	29·41	29·18
18	29·47	29·50	29·55	29·57	29·60	29·62	29·63	29·62	29·61	29·57	29·52	29·43	29·56
19	29·33	29·25	29·19	29·15	29·12	29·11	29·11	29·18	29·24	29·30	29·38	29·42	29·23
20	29·45	29·45	29·41	29·41	29·38	29·33	29·28	29·21	29·18	29·17	29·13	29·12	29·30
21	29·10	29·06	29·03	29·00	28·97	28·93	28·91	28·87	28·88	28·93	28·97	29·00	28·97
22	29·01	29·00	28·97	28·90	28·81	28·76	28·70	28·66	28·65	28·63	28·67	28·70	28·79
23	28·73	28·79	28·82	28·87	28·93	28·96	28·99	28·97	28·96	28·93	28·90	28·87	28·89
24	28·84	28·82	28·85	28·90	28·95	29·00	29·02	29·03	29·03	29·03	29·00	28·98	28·95
25	28·96	28·95	28·97	29·00	29·04	29·09	29·16	29·19	29·22	29·22	29·22	29·20	29·10
26	29·15	29·11	29·05	29·00	28·95	28·91	28·89	28·86	28·86	28·88	28·90	28·94	28·96
27	28·97	29·02	29·09	29·15	29·23	29·31	29·41	29·45	29·50	29·52	29·56	29·58	29·31
28	29·59	29·59	29·61	29·61	29·60	29·59	29·59	29·61	29·66	29·68	29·69	29·70	29·63
29	29·68	29·63	29·59	29·58	29·56	29·55	29·52	29·50	29·49	29·46	29·44	29·41	29·53
30	29·37	29·30	29·25	29·21	29·17	29·12	29·06	28·96	28·86	28·79	28·68	28·64	29·03
Mean	29·117	29·111	29·110	29·109	29·110	29·112	29·115	29·115	29·115	29·115	29·116	29·116	29·113

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

JULY, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	28·68	28·77	28·86	28·91	28·96	28·95	28·93	28·92	28·90	28·87	28·88	28·91	28·88
2	28·97	29·09	29·21	29·30	29·38	29·16	29·52	29·58	29·63	29·64	29·62	29·58	29·42
3	29·54	29·47	29·38	29·29	29·20	29·12	29·01	28·99	28·95	28·95	28·95	29·95	29·15
4	28·95	28·94	28·92	28·91	28·91	28·89	28·89	28·89	28·90	28·91	28·92	29·93	28·91
5	28·94	28·95	28·95	28·95	28·93	28·91	28·88	28·86	28·83	28·80	28·76	29·73	28·87
6	28·71	28·68	28·66	28·61	28·60	28·60	28·61	28·62	28·62	28·63	28·65	29·67	28·64
7	28·68	28·69	28·68	28·67	28·68	28·64	28·62	28·49	28·41	28·56	28·65	29·68	28·62
8	28·68	28·64	28·78	28·86	28·92	28·97	28·99	28·99	28·99	28·97	28·96	29·97	28·89
9	28·95	28·91	28·91	28·94	28·93	28·92	28·93	28·91	28·92	28·91	28·90	29·89	28·92
10	28·87	28·86	28·82	28·81	28·79	28·76	28·78	28·76	28·75	28·77	28·76	29·76	28·79
11	28·77	28·76	28·76	28·76	28·75	28·73	28·72	28·70	28·69	28·68	28·68	29·70	28·73
12	28·71	28·72	28·72	28·73	28·76	28·74	28·72	28·72	28·73	28·73	28·72	29·73	28·72
13	28·73	28·71	28·75	28·77	28·79	28·81	28·84	28·86	28·88	28·88	28·85	29·84	28·81
14	28·81	28·80	28·79	28·77	28·75	28·74	28·72	28·72	28·71	28·69	28·71	28·73	28·74
15	28·75	28·79	28·80	28·85	28·89	28·92	28·95	28·97	28·99	29·00	29·02	29·02	28·91
16	29·01	29·02	28·99	28·96	28·95	28·91	28·87	28·84	28·82	28·78	28·76	28·74	28·89
17	28·73	28·73	28·73	28·71	28·70	28·70	28·73	28·80	28·89	28·96	29·09	29·14	28·82
18	29·16	29·19	29·20	29·20	29·21	29·19	29·18	29·19	29·21	29·22	29·23	29·24	29·20
19	29·26	29·25	29·25	29·28	29·27	29·24	29·23	29·19	29·14	29·11	29·05	29·01	29·19
20	29·00	28·98	28·97	28·94	28·87	28·86	28·82	28·77	28·73	28·69	28·65	28·61	28·82
21	28·55	28·53	28·50	28·52	28·53	28·54	28·59	28·62	28·66	28·70	28·73	28·76	28·60
22	28·78	28·80	28·83	28·87	28·90	28·92	28·91	29·01	29·04	29·09	29·14	29·19	28·96
23	29·25	29·27	29·31	29·34	29·34	29·37	29·39	29·43	29·48	29·51	29·54	29·57	29·40
24	29·58	29·59	29·64	29·68	29·69	29·66	29·66	29·57	29·47	29·36	29·24	29·12	29·52
25	29·01	28·94	28·90	28·84	28·84	28·84	28·91	28·97	29·02	29·08	29·11	29·15	28·97
26	29·16	29·21	29·26	29·28	29·33	29·37	29·42	29·49	29·55	29·59	29·61	29·62	29·41
27	29·61	29·62	29·60	29·56	29·52	29·47	29·43	29·40	29·39	29·39	29·39	29·39	29·48
28	29·37	29·38	29·37	29·37	29·36	29·37	29·36	29·37	29·36	29·36	29·36	29·36	29·36
29	29·35	29·36	29·35	29·35	29·32	29·32	29·31	29·30	29·28	29·26	29·25	29·24	29·31
30	29·22	29·23	29·21	29·19	29·17	29·16	29·14	29·13	29·12	29·10	29·08	29·09	29·15
31	29·12	29·15	29·19	29·23	29·29	29·35	29·39	29·43	29·46	29·49	29·51	29·52	29·34
Mean	28·997	29·002	29·009	29·013	29·018	29·013	29·016	29·011	29·017	29·021	29·023	29·026	29·014

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

August, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea-level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	29·52	29·52	29·50	29·50	29·48	29·43	29·44	29·13	29·38	29·30	29·22	29·19	29·41
2	29·16	29·10	29·05	29·03	28·98	28·89	28·80	28·63	28·49	28·12	28·07	28·10	28·70
3	28·18	28·25	28·36	28·55	28·69	28·80	28·89	28·93	28·98	29·03	29·09	29·12	28·71
4	29·14	29·14	29·15	29·15	29·11	29·13	29·13	29·12	29·10	29·08	29·06	29·03	29·11
5	29·01	29·01	29·01	29·03	29·07	29·10	29·15	29·18	29·22	29·24	29·27	29·30	29·13
6	29·33	29·37	29·38	29·41	29·44	29·49	29·52	29·56	29·62	29·65	29·69	29·72	29·51
7	29·71	29·69	29·65	29·59	29·54	29·49	29·49	29·49	29·51	29·49	29·49	29·45	29·55
8	29·42	29·39	29·35	29·32	29·31	29·25	29·18	29·11	29·06	29·00	28·99	28·99	29·20
9	28·99	28·99	29·01	29·06	29·10	29·12	29·12	29·11	29·08	29·02	28·97	28·90	29·04
10	28·85	28·77	28·70	28·66	28·62	28·64	28·64	28·64	28·65	28·67	28·69	28·76	28·69
11	28·79	28·81	28·83	28·83	28·88	28·91	28·99	29·04	29·09	29·15	29·20	29·21	28·98
12	29·23	29·24	29·21	29·23	29·22	29·19	29·19	29·16	29·12	29·10	29·08	29·06	29·17
13	29·01	28·98	28·96	28·94	28·92	28·90	28·89	28·92	28·97	28·98	29·02	29·04	28·96
14	29·07	29·09	29·09	29·10	29·11	29·11	29·11	29·07	29·08	29·07	29·06	29·07	29·08
15	29·07	29·05	29·00	28·95	28·81	28·59	28·46	28·45	28·42	28·51	28·56	28·60	28·71
16	28·67	28·77	28·86	28·94	29·01	29·09	29·15	29·19	29·23	29·26	29·27	29·28	29·06
17	29·26	29·25	29·23	29·19	29·16	29·11	29·05	28·98	28·90	28·86	28·80	28·81	29·05
18	28·84	28·86	28·87	28·87	28·87	28·83	28·77	28·74	28·72	28·72	28·72	28·74	28·80
19	28·79	28·85	28·89	28·92	28·94	28·97	28·98	28·99	28·99	28·99	28·99	29·01	28·94
20	29·03	29·06	29·08	29·09	29·08	29·11	29·13	29·13	29·12	29·12	29·13	29·14	29·10
21	29·14	29·14	29·12	29·15	29·14	29·16	29·16	29·17	29·17	29·17	29·18	29·18	29·16
22	29·17	29·15	29·11	29·08	29·07	29·07	29·09	29·10	29·12	29·15	29·18	29·21	29·12
23	29·23	29·21	29·19	29·18	29·17	29·15	29·12	29·09	29·10	29·11	29·15	29·19	29·16
24	29·23	29·27	29·29	29·31	29·30	29·30	29·27	29·26	29·21	29·22	29·21	29·20	29·26
25	29·17	29·16	29·14	29·14	29·14	29·12	29·11	29·07	29·07	29·08	29·08	29·09	29·11
26	29·10	29·11	29·14	29·14	29·17	29·17	29·17	29·17	29·17	29·19	29·19	29·21	29·16
27	29·24	29·26	29·30	29·34	29·38	29·43	29·44	29·45	29·46	29·48	29·49	29·51	29·40
28	29·51	29·51	29·53	29·56	29·57	29·58	29·58	29·56	29·55	29·51	29·50	29·48	29·51
29	29·42	29·39	29·37	29·35	29·34	29·31	29·31	29·30	29·28	29·25	29·21	29·21	29·31
30	29·16	29·12	29·06	29·01	28·96	28·92	28·89	28·80	28·73	28·67	28·59	28·55	28·87
31	28·27	28·14	28·11	28·16	28·15	28·18	28·18	28·20	28·27	28·31	28·36	28·11	28·23
Mean	29·087	29·084	29·083	29·089	29·088	29·081	29·077	29·065	29·060	29·048	29·049	29·056	29·072

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

September, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean
Day.													
1	28·48	28·57	28·67	28·78	28·92	29·01	29·10	29·16	29·23	29·24	29·26	29·27	28·97
2	29·26	29·25	29·23	29·21	29·17	29·16	29·13	29·09	29·05	29·02	29·01	28·98	29·13
3	28·92	28·89	28·87	28·86	28·78	28·72	28·72	28·73	28·72	28·73	28·73	28·76	28·78
4	28·77	28·76	28·73	28·75	28·76	28·72	28·77	28·87	28·92	28·94	28·96	28·97	28·83
5	28·95	28·94	28·91	28·88	28·83	28·78	28·73	28·69	28·67	28·66	28·68	28·71	28·79
6	28·78	28·86	28·92	28·99	29·09	29·19	29·24	29·26	29·31	29·32	29·32	29·32	29·13
7	29·32	29·31	29·38	29·43	29·48	29·50	29·54	29·55	29·59	29·61	29·62	29·63	29·50
8	29·65	29·67	29·66	29·66	29·67	29·68	29·68	29·67	29·66	29·62	29·60	29·56	29·65
9	29·49	29·42	29·36	29·28	29·22	29·18	29·13	29·10	29·09	29·08	29·10	29·11	29·21
10	29·12	29·12	29·13	29·12	29·13	29·09	29·06	28·98	28·90	28·74	28·62	28·55	28·96
11	*28·47*	*28·44*	*28·42*	*28·42*	*28·45*	*28·46*	*28·43*	*28·41*	*28·37*	*28·39*	*28·42*	*28·51*	*28·43*
12	*28·65*	*28·67*	*28·89*	*28·96*	*29·01*	*29·04*	*29·06*	*29·09*	*29·10*	*29·10*	*29·09*	*29·07*	*28·98*
13	*29·04*	*29·03*	*29·03*	*29·03*	*29·03*	*29·03*	*29·04*	29·04	29·04	29·05	29·06	29·07	29·04
14	29·07	29·06	29·02	28·98	28·93	28·87	28·82	28·73	28·66	28·60	28·54	28·52	28·82
15	28·48	28·48	28·54	28·59	28·60	28·62	28·71	28·80	28·86	28·90	28·91	28·90	28·70
16	28·82	28·71	28·55	28·47	28·41	28·44	28·42	28·37	28·54	28·60	28·66	28·69	28·56
17	28·71	28·71	28·70	28·72	28·74	28·80	28·84	28·85	28·94	28·98	29·02	29·03	28·83
18	29·05	29·05	29·04	29·04	29·02	28·99	28·97	28·95	28·93	28·92	28·92	28·92	28·98
19	28·96	29·00	29·03	29·08	29·14	29·19	29·21	29·22	29·23	29·24	29·25	29·24	29·15
20	29·21	29·19	29·17	29·12	29·06	28·99	28·94	28·93	29·00	29·00	29·04	29·08	29·06
21	29·13	29·18	29·24	29·27	29·28	29·30	29·31	29·33	29·36	29·40	29·47	29·51	29·31
22	29·57	29·62	29·67	29·73	29·76	29·81	29·84	29·89	29·92	29·92	29·93	29·93	29·80
23	29·95	29·94	29·93	29·90	29·86	29·81	29·74	29·65	29·55	29·45	29·33	29·24	29·70
24	29·14	29·08	29·03	28·99	28·94	28·89	28·88	28·93	28·95	28·99	28·98	28·99	28·98
25	28·97	28·94	28·90	28·89	28·88	28·87	28·80	*28·71*	*28·57*	28·43	28·38	28·26	28·72
26	28·19	28·20	28·24	28·26	28·26	28·29	28·33	28·35	28·38	28·39	28·41	28·45	28·31
27	28·46	28·47	28·52	28·58	28·61	28·62	28·66	28·69	28·73	28·76	28·75	28·79	28·62
28	28·81	28·80	28·82	28·84	28·87	28·87	28·87	28·87	28·89	28·91	28·92	28·93	28·87
29	28·94	28·94	28·93	28·94	28·94	28·92	28·91	28·90	28·87	28·87	28·85	28·85	28·90
30	28·82	28·81	28·79	28·77	28·75	28·72	28·70	28·67	28·63	28·61	28·59	28·57	28·70
Mean	28·972	28·971	28·977	28·984	28·985	28·984	28·985	28·981	28·988	28·982	28·980	28·979	29·014

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

October, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean
Day.													
1	28·53	28·51	28·47	28·45	28·41	28·40	28·39	28·40	28·41	28·43	28·47	28·48	28·45
2	28·51	28·55	28·59	28·61	28·65	28·68	28·69	28·68	28·67	28·69	28·72	28·74	28·65
3	28·76	28·77	28·77	28·76	28·76	28·77	28·78	28·75	28·74	28·74	29·73	29·73	28·75
4	*28·75*	*28·75*	*28·76*	*28·76*	*28·76*	*28·76*	*28·75*	*28·74*	*28·72*	*28·72*	*28·72*	*28·71*	*28·74*
5	*28·72*	*28·72*	*28·72*	*28·72*	*28·72*	*28·71*	*28·71*	*28·70*	*28·68*	*28·65*	*28·62*	*28·60*	*28·69*
6	*28·56*	*28·53*	*28·51*	*28·50*	*28·49*	*28·49*	*28·50*	*28·50*	*28·51*	*28·52*	*28·52*	*28·54*	*28·51*
7	*28·54*	*28·53*	*28·53*	*28·51*	*28·49*	*28·47*	*28·46*	*28·45*	*28·43*	*28·45*	*28·48*	*28·53*	*28·49*
8	*28·55*	*28·60*	*28·63*	*28·64*	*28·67*	*28·68*	*28·68*	*28·67*	*28·65*	*28·63*	*28·60*	*28·57*	*28·63*
9	*28·52*	*28·47*	*28·44*	*28·41*	*28·40*	*28·36*	*28·35*	*28·40*	*28·45*	*28·50*	*28·51*	*28·59*	*28·45*
10	*28·63*	*28·65*	*28·68*	*28·70*	*28·70*	*28·73*	*28·74*	*28·76*	*28·77*	*28·81*	*28·82*	*28·85*	*28·74*
11	*28·86*	*28·88*	*28·90*	*28·91*	*28·92*	*28·94*	*28·94*	*28·92*	*28·89*	*28·87*	*28·87*	*28·88*	*28·90*
12	*28·91*	*28·95*	*28·99*	*29·03*	*29·06*	*29·08*	*29·10*	*29·11*	*29·13*	*29·14*	*29·15*	*29·17*	*29·07*
13	*29·18*	*29·19*	*29·20*	*29·21*	*29·22*	*29·22*	*29·22*	*29·22*	*29·22*	*29·22*	*29·21*	*29·21*	*29·21*
14	*29·20*	*29·19*	*29·17*	*29·16*	*29·14*	*29·12*	*29·10*	*29·07*	*29·04*	*29·00*	*28·96*	*28·93*	*29·09*
15	28·89	28·88	28·89	28·96	29·01	29·00	29·01	29·00	28·98	28·92	28·88	28·83	28·94
16	28·82	28·80	28·77	28·78	28·78	28·80	28·82	28·83	28·83	28·83	28·83	28·81	28·81
17	28·78	28·74	28·70	28·68	28·65	28·64	28·61	28·60	28·59	28·60	28·59	28·62	28·65
18	28·62	28·67	28·69	28·74	28·78	28·79	28·78	28·76	28·76	28·76	28·76	28·76	28·74
19	28·77	28·77	28·78	28·78	28·76	28·74	28·72	28·69	28·67	28·65	28·61	28·61	28·71
20	28·60	28·59	28·57	28·55	28·56	28·56	28·56	28·57	28·60	28·62	28·66	28·69	28·59
21	28·73	28·74	28·80	28·84	28·87	28·90	28·90	28·90	28·89	28·86	28·85	28·79	28·84
22	28·77	28·71	28·70	28·68	28·68	28·66	28·65	28·67	28·67	28·71	28·75	28·78	28·70
23	28·80	28·80	28·80	28·79	28·79	28·77	28·75	28·69	28·65	28·57	28·51	28·41	28·69
24	28·32	28·28	28·29	28·33	28·39	28·43	28·48	28·52	28·53	28·58	28·62	28·66	28·45
25	28·61	28·66	28·65	28·74	28·73	28·72	28·77	28·84	28·89	28·92	28·92	28·89	28·78
26	28·86	28·82	28·80	28·81	28·80	28·79	28·78	28·74	28·72	28·72	28·71	28·70	28·77
27	28·69	28·68	28·65	28·64	28·68	28·71	28·79	28·86	28·91	28·97	29·01	29·03	28·80
28	29·05	29·07	29·06	29·06	29·06	29·04	29·02	28·97	28·95	28·92	28·89	28·88	29·00
29	28·86	28·82	28·80	28·78	28·76	28·75	28·71	28·69	28·70	28·70	28·70	28·72	28·75
30	28·73	28·74	28·76	28·78	28·84	28·82	28·83	*28·85*	*28·87*	*28·90*	*28·92*	*28·95*	28·83
31	*28·99*	*29·02*	*29·06*	*29·09*	*29·12*	*29·15*	*29·17*	*29·19*	*29·19*	*29·19*	*29·18*	*29·16*	*29·13*
Mean	28·744	28·744	28·745	28·755	28·763	28·763	28·766	28·765	28·764	28·767	28·766	28·768	28·759

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

November, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	*29·13*	*29·10*	*29·08*	*29·06*	*29·01*	*29·01*	*29·01*	*29·01*	*29·08*	*29·09*	*29·08*	*29·06*	*29·07*
2	29·07	29·06	29·08	29·08	29·09	29·10	29·13	29·15	29·18	29·21	29·25	29·30	29·14
3	29·35	29·37	29·41	29·43	29·46	29·48	29·50	29·49	29·49	29·48	29·47	29·45	29·45
4	29·45	29·44	29·44	29·44	29·41	29·43	29·43	29·46	29·49	29·53	29·54	29·58	29·47
5	29·61	29·63	29·64	29·65	29·67	29·67	29·68	29·71	29·73	29·75	29·76	29·75	29·69
6	29·73	29·71	29·69	29·65	29·62	29·55	*29·51*	*29·48*	*29·46*	*29·44*	*29·43*	*29·41*	29·56
7	*29·39*	*29·37*	*29·36*	*29·35*	*29·35*	*29·34*	*29·34*	*29·35*	*29·36*	*29·37*	*29·38*	*29·37*	*29·36*
8	*29·36*	*29·35*	*29·34*	*29·34*	*29·34*	*29·35*	*29·36*	*29·37*	*29·38*	*29·39*	*29·39*	*29·39*	*29·36*
9	*29·39*	*29·38*	*29·37*	*29·36*	*29·35*	*29·34*	*29·32*	*29·31*	*29·30*	*29·28*	*29·27*	29·26	29·33
10	*29·26*	*29·25*	*29·25*	*29·26*	*29·27*	*29·28*	*29·29*	29·32	29·32	29·32	29·33	29·34	29·29
11	29·36	29·37	29·38	29·39	29·39	29·39	29·39	29·38	29·37	29·36	29·36	29·36	29·37
12	29·35	29·35	29·35	29·34	29·33	29·33	29·32	29·32	29·33	29·34	29·35	29·36	29·34
13	29·37	29·38	29·39	29·39	29·38	29·37	29·38	29·38	29·37	29·38	29·38	29·38	29·38
14	29·38	29·38	29·39	29·38	29·38	29·36	29·35	29·34	29·33	29·33	29·33	29·34	29·35
15	29·34	29·35	29·37	29·38	29·38	29·40	29·40	29·41	29·42	29·44	29·46	29·48	29·40
16	29·51	29·52	29·53	29·55	29·56	29·55	29·54	29·54	29·52	29·52	29·52	29·52	29·53
17	29·52	29·52	29·52	29·52	29·52	29·51	29·51	29·51	29·51	29·51	29·53	29·55	29·52
18	29·56	29·57	29·60	29·62	29·64	29·64	29·67	29·67	29·68	29·69	29·69	29·71	29·64
19	29·71	29·72	29·73	29·74	29·74	29·74	29·73	29·73	29·72	29·73	29·75	29·75	29·73
20	29·75	29·77	29·78	29·80	29·82	29·82	29·83	29·85	29·88	29·92	29·95	30·00	29·85
21	30·01	30·04	30·06	30·08	30·08	30·06	30·04	30·02	30·00	29·95	29·93	29·93	30·01
22	29·91	29·91	29·89	29·89	29·89	29·86	29·84	29·82	29·81	29·80	29·79	29·80	29·85
23	29·77	29·73	29·70	29·63	29·63	29·59	29·60	29·62	29·64	29·70	29·71	29·73	29·67
24	29·75	29·76	29·78	29·81	29·84	29·86	29·87	29·89	29·92	29·92	29·91	29·95	29·86
25	29·95	29·95	29·95	29·95	29·94	29·92	29·91	29·88	29·86	29·84	29·84	29·81	29·90
26	29·80	29·77	29·75	29·73	29·72	29·68	29·65	29·63	29·61	29·59	29·58	29·59	29·67
27	29·59	29·59	29·61	29·62	29·64	29·64	29·66	29·67	29·68	29·70	29·71	29·73	29·65
28	29·74	29·74	29·76	29·77	29·79	29·77	29·78	29·77	29·78	29·78	29·79	29·79	29·77
29	29·80	29·78	29·78	29·79	29·79	29·77	29·78	29·76	29·74	29·74	29·74	29·75	29·77
30	29·77	29·78	29·80	29·82	29·83	29·84	29·86	29·86	29·87	29·87	29·88	29·88	29·84
Mean	29·554	29·553	29·559	29·560	29·562	29·551	29·555	29·557	29·560	29·565	29·570	29·577	29·561

TABLE 46. PRESSURE—TWO-HOURLY VALUES.

December, 1911.

CAPE ADARE. Inches, reduced to 32° F., sea level, and gravity at 45°.

Local time.	0	2	4	6	8	10	12	14	16	18	20	22	Mean.
Day.													
1	29·88	29·89	29·89	29·90	29·90	29·89	29·90	29·89	29·87	29·87	29·86	29·86	29·88
2	29·86	29·84	29·85	29·84	29·83	29·80	29·79	29·78	29·77	29·75	29·73	29·72	29·80
3	29·71	29·68	29·67	29·66	29·64	29·62	29·61	29·60	29·59	29·56	29·55	29·57	29·62
4	29·59	29·62	29·64	29·67	29·69	29·71	29·72	29·75	29·79	29·80	29·82	29·83	29·72
5	29·83	29·83	29·81	29·79	29·74	29·66	29·59	29·52	29·46	29·41	29·35	29·31	29·61
6	29·28	29·24	29·20	29·18	29·17	29·14	29·13	29·15	29·17	29·22	29·26	29·32	29·20
7	29·38	29·41	29·46	29·50	29·54	29·58	29·61	29·64	29·68	29·69	29·71	29·74	29·58
8	29·78	29·79	29·81	29·83	29·85	29·86	29·87	29·93	29·95	29·91	29·91	29·96	29·87
9	30·05	30·05	30·06	30·06	30·06	30·06	30·05	30·04	30·03	30·03	30·03	30·02	30·05
10	30·01	29·98	29·95	29·93	29·90	29·87	29·83	29·80	29·76	29·73	29·73	29·72	29·85
11	29·71	29·70	29·67	29·65	29·63	29·59	29·58	29·57	29·57	29·57	29·57	29·59	29·62
12	29·61	29·61	29·62	29·63	29·64	29·61	29·63	29·61	29·61	29·63	29·66	29·68	29·63
13	29·69	29·70	29·69	29·68	29·67	29·64	29·63	29·59	29·57	29·55	29·54	29·53	29·62
14	29·52	29·50	29·49	29·51	29·51	29·51	29·51	29·51	29·51	29·50	29·50	29·49	29·51
15	29·50	29·50	29·50	29·50	29·50	29·50	29·51	29·51	29·52	29·55	29·57	29·58	29·52
16	29·61	29·63	29·65	29·69	29·72	29·72	29·76	29·77	29·82	29·84	29·85	29·87	29·74
17	29·89	29·90	29·91	29·91	29·90	29·88	29·87	29·85	29·82	29·80	29·79	29·77	29·86
18	29·76	29·76	29·73	29·73	29·72	29·71	29·70	29·71	29·69	29·69	29·69	29·69	29·72
19	29·70	29·70	29·70	29·70	29·68	29·64	29·65	29·62	29·61	29·58	29·56	29·56	29·64
20	29·56	29·55	29·54	29·51	29·52	29·53	29·53	29·56	29·60	29·65	29·69	29·72	29·58
21	29·72	29·71	29·71	29·71	29·70	29·69	29·68	29·67	29·68	29·68	29·68	29·69	29·69
22	29·69	29·70	29·70	29·71	29·72	29·74	29·76	29·77	29·79	29·84	29·84	29·86	29·76
23	29·89	29·90	29·91	29·92	29·92	29·94	29·94	29·95	29·95	29·97	29·98	29·99	29·94
24	30·00	29·99	29·99	30·00	30·00	29·99	29·98	29·98	29·97	29·95	29·95	29·94	29·98
25	29·94	29·91	29·93	29·92	29·92	29·90	29·89	29·88	29·88	29·88	29·87	29·87	29·90
26	29·87	29·87	29·87	29·87	29·87	29·86	29·86	29·86	29·86	29·87	29·88	29·89	29·87
27	29·90	29·92	29·94	29·96	29·99	30·00	30·01	30·04	30·06	30·07	30·07	30·06	30·00
28	30·04	30·02	30·00	29·97	29·94	29·90	29·87	29·85	29·83	29·83	29·81	29·81	29·91
29	29·81	29·81	29·80	29·81	29·79	29·77	29·76	29·73	29·70	29·69	29·69	29·67	29·75
30	29·67	29·65	29·63	29·63	29·62	29·62	29·61	29·61	29·60	29·59	29·58	29·58	29·61
31	29·57	29·56	29·54	29·53	29·52	29·50	29·48	29·46	29·45	29·45	29·44	29·44	29·49
Mean	29·741	29·739	29·737	29·738	29·735	29·724	29·719	29·716	29·715	29·715	29·714	29·719	29·726

TABLE 47. PRESSURE—MONTHLY VALUES.

FOUR STATIONS. Inches, reduced to 32° F., sea level and gravity at 45°.

Station.	Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
							20″ +							
Hut Point ...	1902	—	9·327	9·399	9·478	9·344	9·315	9·398	8·911	9·384	9·078	9·634	9·505	9·353*
,, ...	1903	9·461	9·298	9·488	9·359	9·227	9·562	9·169	9·215	9·059	8·995	8·947	9·294	9·229
,, ...	1904	9·131	—	—	—	—	—	—	—	—	—	—	—	—
Cape Evans ...	1911	9·296	9·308	9·211	9·317	9·227	9·110	9·078	9·188	9·156	8·825	9·630	9·752	9·258
,, ,, ...	1912	9·431	9·527	9·171	9·354	9·151	8·882	8·998	9·132	9·442	9·090	9·261	9·188	9·219
Hut Point and Cape Evans	Mean	9·330	9·365	9·317	9·377	9·237	9·217	9·161	9·112	9·260	8·997	9·368	9·435	9·265
,, ,,	Smoothed	9·365	9·344	9·344	9·327	9·267	9·208	9·163	9·161	9·157	9·155	9·292	9·392	9·265
Cape Adare ...	1899	9·26‡	*9·24*	9·14	9·35	9·08	9·02	9·46	9·07	8·69	8·94	9·40	9·31	9·16
,, ,, ...	1911	*9·42*	*9·24*	9·12	9·25	9·06	9·11	9·01	9·07	8·98	8·76	9·56	9·73	9·19
,, ,, ...	Mean	9·34	9·24	9·13	9·30	9·07	9·06	9·24	9·07	8·84	8·85	9·48	9·52	9·18
,, ,, ...	Smoothed	9·36	9·24	9·20	9·20	9·12	9·11	9·15	9·06	8·90	9·00	9·33	9·46	9·18
Framheim ...	1911	9·40§	*9·28*	*9·16*	9·13	9·07	8·92	8·91	8·98	8·94	8·65	9·53	9·70	9·13
,, ...	Smoothed	9·28	9·18	9·12	9·05	8·95	8·93	8·95	8·88	8·94	9·34	9·58	9·44	9·13

* February, 1902, to January, 1903. † February, 1903, to January, 1904. ‡ 1900. § 1912.

CAPE EVANS.

Local Time.	0	1	2	3	4	5	6	7	8	9	10	11
January*	−·002	−·002	−·004	−·005	−·003	−·003	·000	+·003	+·005	+·005	+·007	+·004
February	+·0015	+·0010	−·0020	−·0020	−·0030	−·0025	−·0010	−·0025	−·0020	−·0000	+·0020	+·0025
March	−·0030	−·0045	−·0055	−·0040	−·0025	−·0015	·0000	−·0015	+·0005	+·0030	+·0055	+·0055
April	·0000	−·0035	−·0060	−·0065	−·0055	−·0055	−·0040	−·0040	−·0050	−·0025	+·0005	+·0025
May	−·0020	−·0020	−·0010	·0010	−·0020	−·0030	−·0015	·0000	·0010	−·0015	+·0025	+·0020
June	+·0055	+·0065	+·0045	+·0045	+·0010	·0030	·0060	·0060	·0070	−·0070	−·0035	−·0025
July	+·0015	+·0025	+·0020	+·0010	+·0045	+·0015	+·0025	+·0045	+·0035	+·0045	+·0040	+·0025
August	·0000	·0030	−·0045	−·0065	−·0095	−·0115	−·0115	−·0130	−·0115	−·0090	−·0045	−·0020
September	−·0005	−·0005	+·0005	+·0020	+·0005	+·0010	+·0005	+·0020	+·0010	+·0035	+·0055	+·0030
October	·0000	−·0020	·0000	−·0015	+·0005	+·0010	+·0010	+·0030	+·0030	+·0035	+·0045	+·0025
November	+·0030	−·0005	−·0030	−·0035	−·0050	−·0010	−·0005	+·0005	·0000	·0000	+·0010	+·0010
December	+·0005	−·0020	−·0040	−·0040	−·0050	−·0035	−·0030	−·0040	−·0025	−·0010	+·0035	+·0030
Autumn (Feb., Mar...., Apr.)	−·0005	−·0023	−·0045	−·0042	−·0037	−·0032	−·0017	−·0027	−·0022	+·0002	+·0027	+·0035
Winter (May, June, July)	+·0017	+·0023	+·0018	+·0015	+·0012	−·0015	−·0017	−·0005	−·0015	−·0013	+·0010	+·0007
Spring (August, Sept., Oct.)	−·0002	−·0018	−·0013	−·0020	−·0028	−·0032	−·0033	−·0027	−·0025	−·0007	+·0018	+·0012
Summer (Nov., Dec., Jan.)	+·0005	−·0015	−·0037	−·0045	−·0040	−·0025	−·0012	−·0002	+·0008	+·0013	+·0038	+·0027
Mean 2 Years	+·0004	−·0008	−·0019	−·0023	−·0023	−·0026	−·0020	−·0015	−·0013	−·0001	+·0023	+·0020
1911	+·0013	−·0003	−·0019	−·0026	−·0027	−·0035	−·0033	−·0039	−·0037	−·0026	+·0013	+·0023
1912	−·0006	−·0013	−·0019	−·0020	−·0019	−·0017	−·0007	+·0009	+·0010	+·0023	+·0034	+·0017

* 1912 only.

—DAILY VARIATION.

1912.

Inches

12	13	14	15	16	17	18	19	20	21	22	23	Amplitude.	Time of Max.	Time of Min.	
+·003	+·002	+·002	·000	−·002	·003	−·002	·000	·002	−·001	·000	−·002	·012	10	3	Jan.
+·0025	+·0010	−·0005	·0000	−·0015	−·0005	−·0005	+·0015	+·0030	+·0030	+·0030	+·0010	·0060	20,21,22	4	Feb.
+·0055	+·0030	+·0010	·0000	−·0015	−·0015	−·0005	+·0015	+·0015	+·0010	+·0010	−·0015	·0110	10,11,12	2	March
+·0045	+·0025	+·0015	+·0010	+·0010	−·0005	+·0015	+·0040	+·0060	+·0060	+·0050	+·0025	·0125	20, 21	3	April
+·0020	+·0025	+·0010	+·0015	+·0010	+·0020	+·0025	+·0010	·0000	−·0005	−·0005	·0000	·0055	10,13,18	5	May
−·0020	−·0015	−·0005	−·0025	−·0025	·0000	+·0005	−·0005	+·0025	+·0035	+·0075	+·0085	·0155	23	8, 9	June
+·0020	+·0005	+·0005	−·0030	−·0050	−·0075	−·0080	−·0040	−·0015	−·0005	−·0005	−·0010	·0125	4, 7, 9	18	July
−·0005	+·0030	+·0045	+·0070	+·0085	+·0100	+·0105	+·0110	+·0130	+·0110	+·0085	+·0035	·0260	20	7	Aug.
+·0025	·0000	−·0005	·0000	−·0030	−·0050	−·0045	−·0020	−·0005	·0020	−·0015	+·0010	·0105	10	17	Sept.
+·0020	−·0010	−·0030	−·0035	−·0045	−·0035	−·0035	−·0005	+·0005	·0000	−·0020	·0000	·0090	10	16	Oct.
−·0005	−·0005	−·0010	−·0005	−·0005	−·0005	+·0005	+·0025	+·0035	+·0045	+·0055	+·0025	·0105	22	4	Nov.
+·0030	+·0020	+·0015	−·0010	·0000	+·0010	+ 0010	+·0020	+·0010	+·0010	+·0040	+·0005	·0090	22	4	Dec.
+·0042	+·0022	+·0007	+·0003	−·0007	−·0008	+·0002	+·0023	+·0035	+·0033	+·0030	+·0007	·0087	12	2	Feb. Mar. April
+·0007	+·0005	+·0003	−·0013	−·0022	−·0018	−·0017	−·0012	+·0003	+·0008	+·0022	+·0025	·0047	23	16	May June July
+·0013	+·0007	+·0003	+·0012	+·0003	+·0005	+·0008	+·0028	+·0043	+·0030	+·0017	+·0015	·0076	20	6	Aug. Sept. Oct.
+·0018	+·0012	+·0008	−·0005	− 0008	−·0008	−·0002	+·0015	+·0008	+·0015	+·0027	+·0008	·0083	10	3	Nov. Dec. Jan.
+·0020	+·0011	+·0005	−·0001	−·0009	−·0007	−·0002	+·0013	+·0022	+·0021	+·0024	+·0014	·0050	22	5	2 Years.
+·0026	+·0018	+·0013	+·0007	−·0005	·0000	+·0016	−·0028	+·0040	+·0037	+·0038	+·0023	·0079	20	7	1911
+·0014	+·0004	−·0002	−·0003	−·0012	−·0015	−·0020	−·0001	+·0005	+·0007	+·0009	+·0005	·0054	10	3, 18	1912

TABLE 49. PRESSURE—DAILY VARIATION.

1902 AND 1903.

HUT POINT.

Inches.

Local Time.	0	2	4	6	8	10	12	14	16	18	20	22	Amplitude.	Time of Max.	Time of Min.
January	·0000	−·0025	−·0050	−·0035	+·0015	+·0070	+·0040	+·0025	−·0005	−·0025	−·0015	·0000	·0120	10	4
February	−·0033	−·0028	−·0013	+·0027	+·0027	+·0082	+·0037	−·0013	−·0018	−·0038	−·0023	−·0013	·0120	10	18
March	+·0035	−·0035	−·0095	−·0055	+·0015	+·0060	+·0030	+·0010	−·0005	−·0005	+·0020	·0000	·0155	10	4
April	+·0021	−·0034	−·0099	−·0134	−·0069	−·0039	+·0011	+·0021	+·0061	+·0081	+·0106	+·0071	·0240	20	6
May	+·0042	+·0037	+·0002	−·0023	−·0003	+·0052	+·0012	−·0053	−·0063	−·0053	+·0027	+·0027	·0115	10	16
June	+·0025	+·0020	−·0005	−·0050	−·0040	−·0030	−·0035	+·0015	+·0015	+·0010	+·0035	+·0045	·0095	22	6
July	−·0026	−·0011	−·0031	−·0056	−·0021	+·0029	−·0001	+·0004	−·0001	+·0029	+·0049	+·0039	·0105	20	6
August	+·0009	+·0009	−·0041	−·0096	−·0031	−·0011	−·0036	−·0001	+·0039	+·0039	+·0059	+·0064	·0160	22	6
September	+·0037	−·0003	−·0028	−·0048	−·0023	−·0013	−·0023	−·0033	−·0003	+·0017	+·0062	+·0052	·0110	20	6
October	−·0031	−·0036	−·0061	−·0046	+·0014	+·0044	+·0044	+·0049	+·0029	−·0001	+·0004	−·0011	·0110	14	4
November	−·0020	−·0085	−·0080	−·0030	+·0010	+·0035	+·0055	+·0060	+·0030	+·0015	+·0025	−·0020	·0145	14	2
December	−·0061	−·0081	−·0086	−·0036	+·0054	+·0094	+·0084	+·0059	+·0009	+·0014	−·0021	−·0026	·0180	10	4
Autumn (February, March, April)	+·0008	−·0032	−·0069	−·0054	+·0001	+·0035	+·0025	+·0006	+·0013	+·0013	+·0035	+·0020	·0104	10,20	4
Winter (May, June, July)	+·0013	+·0015	−·0012	−·0043	−·0022	+·0017	−·0008	−·0012	−·0017	−·0005	+·0037	+·0037	·0080	20,22	6
Spring (August, September, October)	+·0005	−·0010	−·0043	−·0063	−·0013	+·0007	−·0005	+·0005	+·0022	+·0018	+·0042	+·0035	·0105	20	6
Summer (November, December, January)	−·0027	−·0064	−·0072	−·0034	+·0026	+·0066	+·0059	+·0048	+·0011	+·0001	−·0004	−·0016	·0138	10	4
Year	·0000	−·0022	−·0049	−·0048	−·0002	+·0031	+·0018	+·0012	+·0008	+·0007	+·0028	+·0019	·0080	10	4

TABLE 50. PRESSURE—DAILY VARIATION.

1902, 1903, 1911 AND 1912.

HUT POINT AND CAPE EVANS COMBINED. Inches.

Hour. Local Time.	0	2	4	6	8	10	12	14	16	18	20	22	Amplitude.	Time of Max.	Time of Min.
January	−·0007	−·0031	−·0044	−·0024	+·0026	+·0069	+·0036	+·0023	−·0011	−·0021	−·0017	−·0001	·0113	10	4
February	−·0009	−·0024	−·0022	+·0008	+·0004	+·0051	+·0031	−·0009	−·0016	−·0022	−·0004	+·0008	·0075	10	2
March	+·0001	−·0046	−·0062	−·0029	+·0024	+·0056	+·0041	+·0008	−·0012	−·0006	+·0016	+·0004	·0118	10	4
April	+·0011	−·0047	−·0077	−·0087	−·0059	−·0017	+·0029	+·0019	+·0036	+·0049	+·0083	+·0061	·0170	20	6
May	+·0010	+·0013	−·0010	−·0020	−·0007	+·0038	+·0016	−·0022	−·0027	−·0014	+·0013	+·0010	·0065	10	16
June	+·0039	+·0032	+·0002	−·0055	−·0055	−·0033	−·0028	+·0005	−·0005	+·0007	+·0029	+·0059	·0114	22	6, 8
July	−·0008	+·0002	+·0004	−·0018	+·0001	+·0032	+·0007	+·0002	−·0028	−·0028	+·0014	+·0014	·0060	10	16, 18
August	+·0003	−·0020	−·0070	−·0107	−·0075	−·0030	−·0023	+·0020	+·0060	+·0070	+·0093	+·0073	·0200	20	6
September	+·0017	+·0001	−·0011	−·0021	−·0006	+·0021	+·0001	−·0019	−·0016	−·0013	+·0029	+·0019	·0050	20	6
October	−·0014	−·0017	−·0027	−·0017	+·0023	+·0046	+·0033	+·0010	−·0007	−·0017	+·0006	−·0014	0073	10	4
November	+·0003	−·0060	−·0062	−·0019	+·0003	+·0021	+·0023	+·0023	+·0011	+·0008	+·0028	+·0015	·0090	20	4
December	−·0028	−·0060	−·0068	−·0032	+·0015	+·0065	+·0058	+·0038	+·0005	+·0012	−·0005	·0000	·0133	10	4
Autumn (February, March, April)	+·0001	−·0039	−·0054	−·0036	−·0010	+·0030	+·0034	+·0006	+·0003	+·0007	+·0034	+·0021	·0088	12	4
Winter (May, June, July)	+·0014	+·0016	−·0001	−·0031	−·0019	+·0012	−·0002	−·0005	−·0020	−·0012	+·0019	+·0028	·0059	22	6
Spring (August, September, October)	+·0002	−·0012	−·0036	−·0049	−·0020	+·0012	+·0003	+·0003	−·0012	+·0013	+·0042	+·0026	·0091	20	6
Summer (November, December, January)	−·0010	−·0050	−·0058	−·0025	+·0015	+·0052	+·0039	+·0028	+·0002	−·0001	+·0002	+·0005	·0110	10	4
Year	+·0002	−·0021	−·0036	−·0034	−·0008	−·0027	+·0019	+·0009	·0000	+·0003	+·0025	+·0021	·0061	20	4

TABLE 51. PRESSURE—DAILY VARIATION.

(Corrected for Non-periodic Change.)

CAPE ADARE. Inches.

Local Time.	0 h.	2 h.	4 h.	6 h.	8 h.	10 h.	12 h.	14 h.	16 h.	18 h.	20 h.	22 h.	Amplitude.	Time of Max.	Time of Min.
1911.															
March	+·007	+·006	+·008	+·007	+·003	+·003	−·002	−·011	−·013	−·008	−·005	+·003	·021	4	16
April	−·004	−·002	+·001	+·002	+·005	+·009	+·014	+·004	+·001	−·005	−·009	−·006	·023	12	20
May	+·004	+·005	+·001	+·003	+·002	−·002	−·005	−·009	−·004	+·002	−·004	·000	·011	2	14
June	+·002	−·004	−·004	−·005	−·004	−·001	+·002	+·002	+·003	+·003	+·004	+·005	·010	22	6
July	−·003	−·001	+·004	+·006	+·009	+·001	+·002	−·002	−·002	·000	·000	+·001	·012	8	0
August	−·002	−·002	·000	+·009	+·010	+·006	+·005	−·001	−·006	−·016	−·012	−·002	·026	8	18
September	−·009	−·010	−·004	+·003	+·004	+·003	+·004	·000	+·007	+·001	−·001	−·002	·017	16	2
October	−·005	−·007	−·007	+·001	+·007	+·006	+·007	+·004	+·002	+·003	·000	+·001	·014	8,12	2,4
November	+·005	+·002	+·006	+·005	+·005	−·005	−·006	−·006	·005	−·002	+·001	+·006	·012	4,22	12,14
December	+·008	+·007	+·006	+·008	+·007	·003	−·007	−·009	−·009	−·007	−·007	−·001	·017	0,6	14,16
Mean	+·0003	−·0006	+·0011	+·0039	+·0048	+·0017	+·0014	−·0031	−·0026	−·0029	−·0033	+·0005	·0081	8	20
March to April	+·0015	+·0020	+·0045	+·0045	+·0040	+·0060	+·0060	−·0035	−·0060	−·0065	−·0070	−·0015	·0130	10,12	20
May to July	+·0010	·0000	+·0013	+·0013	+·0023	−·0007	−·0003	−·0030	−·0040	+·0017	·0000	+·0020	·0053	8	14
August to October ...	−·0053	−·0063	−·0037	+·0043	+·0070	+·0050	+·0053	·0000	+·0010	−·0040	−·0043	−·0010	·0133	8	2
November to December	+·0065	+·0045	+·0060	+·0065	+·0060	−·0040	−·0065	−·0075	−·0070	−·0045	−·0030	+·0025	·0140	0,6	14

TABLE 52. PRESSURE—FOURIER COEFFICIENTS OF THE DAILY VARIATION.

CAPE EVANS AND HUT POINT.

$dP = a_1 \sin(A_1 + x) + a_2 \sin(A_2 + 2x) + a_3 \sin(A_3 + 3x)$

		a_1	A_1	a_2	A_2	a_3	A_3
		in.	°	in.	°	in.	°
January	1911	—	—	—	—	—	—
	1912	·003	288	·003	161	—	—
	1911–12	—	—	—	—	—	—
	1903–04	·0030	266	·0033	121	·0008	49
	3 years	·0032	278	·0028	110	·0006	69
February	1911	·004	166	·002	111	—	—
	1912	·001	311	·003	157	—	—
	1911–12	·0014	180	·0020	137	·0006	269
	1902–03	·0010	309	·0022	162	·0005	300
	4 years	·0017	291	·0021	150	·0005	282
March	1911	·005	260	·003	140	—	—
	1912	·001	261	·002	183	—	—
	1911–12	·0030	259	·0024	163	·0014	262
	1903–04	·0029	235	·0045	141	·0027	66
	4 years	·0029	248	·0034	149	·0007	49
April	1911	·002	201	·003	123	—	—
	1912	·007	187	·003	173	—	—
	1911–12	·0044	190	·0028	148	·0017	231
	1902–03	·0099	173	·0023	138	·0008	354
	4 years	·0071	179	·0026	143	·0007	260
May	1911	·004	129	·001	6	—	—
	1912	·006	269	·001	155	—	—
	1911–12	·0020	228	·0003	106	·0005	332
	1902–03	·0029	49	·0040	131	·0018	323
	4 years	·0005	50	·0021	129	·0011	324
June	1911	·007	151	·002	20	—	—
	1912	·007	78	·005	94	—	—
	1911–12	·0054	114	·0029	74	·0005	287
	1902–03	·0039	139	·0010	61	·0002	153
	4 years	·0046	124	·0020	71	·0002	269
July	1911	·005	111	·002	119	—	—
	1912	·011	334	·002	121	—	—
	1911–12	·0042	357	·0020	118	·0007	221
	1902–03	·0031	183	·0020	164	·0015	313
	4 years	·0006	342	·0019	141	·0008	286
August	1911	·011	171	·003	118	—	—
	1912	·013	179	·002	270	—	—
	1911–12	·0118	175	·0008	139	·0011	272
	1902–03	·0057	159	·0013	144	·0013	27
	4 years	·0086	170	·0011	142	·0006	338
September	1911	·003	41	·002	62	—	—
	1912	·005	307	·003	168	—	—
	1911–12	·0026	338	·0015	122	·0005	292
	1902–03	·0041	136	·0022	162	·0005	000
	4 years	·0010	106	·0018	116	·0004	326

TABLE 52. PRESSURE—FOURIER COEFFICIENTS OF THE DAILY VARIATION.

CAPE EVANS AND HUT POINT. $dP = a_1 \sin(A_1+x) + a_2 \sin(A_2+2x) + a_3 \sin(A_3+3x)$

		a_1	A_1	a_2	A_2	a_3	A_3
		in.	°	in.	°	in.	°
October	1911	·001	165	·003	156	—	—
	1912	·005	319	·001	204	—	—
	1911–12	·0024	314	·0021	171	·0007	303
	1902–03	·0046	242	·0018	124	·0005	59
	4 years	·0024	272	·0018	149	·0003	318
November	1911	·006	187	·003	138	—	—
	1912	·003	37	·002	177	—	—
	1911–12	·0018	152	·0026	168	·0010	163
	1903–03	·0059	236	·0020	154	·0008	156
	4 years	·0032	220	·0023	162	·0009	160
December	1911	·007	228	·003	137	—	—
	1912	·002	109	·001	134	—	—
	1911–12	·0027	210	·0021	137	·0004	287
	1902–03	·0036	249	·0033	153	·0007	40
	4 years	·0030	232	·0027	146	·0003	359
Autumn—February, March, April	1911... ...	·0025	217	·0025	126	—	—
	1912... ...	·0023	202	·0026	171	—	—
	1911–12 ...	·0024	211	·0024	148	·0012	250
	1902–03 ...	·0033	206	·0030	147	·0009	35
	4 years ...	·0029	208	·0027	147	·0003	298
Winter—May, June, July	1911... ...	·0049	133	·0010	58	—	—
	1912... ...	·0041	339	·0024	108	—	—
	1911–12 ...	·0011	77	·0016	93	·0004	271
	1902–03 ...	·0021	131	·0020	133	·0010	316
	4 years ...	·0014	113	·0017	116	·0007	304
Spring—August, September, October	1911... ...	·0039	161	·0023	119	—	—
	1912... ...	·0024	202	·0014	205	—	—
	1911–12 ...	·0024	185	·0014	148	·0007	285
	1902–03 ...	·0035	176	·0017	144	·0007	28
	4 years ...	·0029	179	·0015	146	·0004	336
Summer—November, December, January	1911... ...	·0040	226	·0029	145	—	—
	1912... ...	·0011	2	·0018	175	—	—
	1911–12 ...	·0016	231	·0024	156	·0003	160
	1902–03 ...	·0054	253	·0027	142	·0005	80
	4 years ...	·0035	248	·0025	148	·0003	110
Year	1911... ...	·0028	179	·0020	124	—	—
	1912... ...	·0010	284	·0017	157	—	—
	1911–12 ...	·0013	197	·0018	140	·0005	257
	1902–03 ...	·0026	207	·0023	142	·0006	15
	4 years ...	·0020	204	·0020	141	·0003	320

TABLE 53. PRESSURE—FOURIER COEFFICIENTS OF THE DAILY VARIATION.

CAPE ADARE.

$dP = a_1 \sin(A_1 + x) + a_2 \sin(A_2 + 2x)$

	a_1	A_1	a_2	A_2
1911.	in.	°	in.	°
March	·009	32	·003	110
April	·008	299	·003	75
May	·005	51	·001	90
June	·004	179	·002	129
July	·003	344	·003	231
August	·010	340	·003	133
September	·006	260	·003	240
October	·006	259	·003	183
November	·006	59	·002	226
December	·009	33	·000	239
March—April	·0061	350	·0023	106
May—July	·0012	58	·0012	219
August—October	·0054	295	·0023	186
November—December	·0075	43	·0012	228
March—December	·0032	354	·0012	182

TABLE 54. PRESSURE—MAXIMUM AND MINIMUM.

HUT POINT AND CAPE EVANS. Inches, reduced to 32° F. sea level and gravity at 45°.

Month.	Year.	Absolute Maximum.	Absolute Minimum.	Difference.	Difference from mean of Month.		Mean daily Maximum.	Mean daily Minimum.	Mean daily Range.
					Abs. Max. +	Abs. Min. −			
January ...	1903	29·759	28·874	·885	·298	·587	29·518	29·402	·116
	1904	29·476	28·741	·735	·345	·390	29·215	29·077	·138
	1911	29·81	28·92	·89	·514	·376	*29·406*	*29·285*	*·121*
	1912	29·74	29·05	·69	·309	·381	29·486	29·376	·110
	Mean ...	29·696	28·896	·800	·367	·433	29·406	29·285	·121
	Absolute	29·81	28·741	1·069	—	—	—	—	—
February ...	1902	29·650	28·932	·718	·323	·395	29·415	29·237	·178
	1903	29·821	28·828	·993	·523	·470	29·373	29·221	·152
	1911	29·80	28·96	·84	·492	·348	29·381	29·241	·140
	1912	29·94	29·19	·75	·413	·337	29·586	29·467	·119
	Mean ...	29·803	28·978	·825	·438	·387	29·439	29·292	·147
	Absolute	29·94	28·828	1·112	—	—	—	—	—
March	1902	29·878	28·998	·880	·479	·401	29·471	29·318	·153
	1903	29·852	29·059	·793	·364	·429	29·563	29·404	·159
	1911	29·51	28·85	·66	·299	·361	29·279	29·139	·140
	1912	29·61	28·53	1·08	·439	·641	29·256	29·075	·181
	Mean ...	29·713	28·859	·854	·395	·458	29·392	29·234	·158
	Absolute	29·51	28·53	·98	—	—	—	—	—
April	1902	30·151	28·920	1·231	·673	·558	29·569	29·380	·189
	1903	29·842	28·865	·977	·483	·494	29·454	29·265	·189
	1911	29·80	28·82	·98	·483	·497	29·396	29·238	·158
	1912	29·83	28·72	1·11	·476	·634	29·428	29·280	·148
	Mean ...	29·906	28·831	1·075	·529	·546	29·462	29·291	·171
	Absolute	30·151	28·72	1·431	—	—	—	—	—
May	1902	30·251	28·535	1·716	·907	·809	29·450	29·231	·219
	1903	29·613	28·816	·797	·386	·411	29·304	29·151	·153
	1911	29·84	28·26	·158	·613	·967	29·348	29·116	·232
	1912	29·72	28·41	1·31	·569	·741	29·264	29·025	·239
	Mean ...	29·856	28·505	1·351	·619	·732	29·342	29·131	·211
	Absolute	30·251	28·26	1·991	—	—	—	—	
June	1902	30·014	28·210	1·804	·699	1·105	29·440	29·194	·246
	1903	30·107	29·023	1·084	·545	·539	29·656	29·466	·190
	1911	29·82	28·65	1·17	·710	·460	29·210	29·015	·195
	1912	29·53	27·82	1·71	·648	1·062	29·071	28·704	·367
	Mean ...	29·868	28·426	1·442	·651	·791	29·344	29·095	·249
	Absolute	30·107	27·82	2·287	—	—	—	—	—
July	1902	29·977	28·237	1·740	·579	1·161	29·494	29·288	·206
	1903	30·131	28·489	1·642	·962	·680	29·283	29·056	·227
	1911	29·55	28·52	1·03	·472	·558	29·185	28·967	·218
	1912	29·62	28·28	1·34	·622	·718	29·139	28·843	·296
	Mean ...	29·820	28·382	1·438	·659	·779	29·275	29·038	·237
	Absolute	30·131	28·237	1·894	—	—	—	—	—
August	1902	29·409	28·365	1·044	·498	·546	29·019	28·806	·213
	1903	30·097	28·370	1·727	·882	·845	29·353	29·073	·280
	1911	29·72	28·64	1·08	·532	·548	29·295	29·086	·209
	1912	29·65	28·44	1·21	·518	·692	29·243	29·029	·214
	Mean ...	29·719	28·454	1·265	·607	·658	29·228	28·999	·229
	Absolute	30·097	28·365	1·732	—	—	—	—	—
September ...	1902	29·924	28·431	1·493	·540	·953	29·491	29·284	·207
	1903	29·656	28·373	1·283	·597	·686	29·169	28·949	·220
	1911	29·85	28·29	1·56	·694	·866	29·253	29·055	·198
	1912	30·02	28·57	1·45	·578	·872	29·533	29·348	·185
	Mean ...	29·863	28·416	1·447	·602	·844	29·362	29·159	·203
	Absolute	30·02	28·29	1·73	—	—	—	—	—

TABLE 54. PRESSURE—MAXIMUM AND MINIMUM.

HUT POINT AND CAPE EVANS. Inches, reduced to 32° F., sea level and gravity at 45°.

Month.	Year.	Absolute Maximum.	Absolute Minimum.	Difference.	Difference from mean of Month.		Mean daily Maximum.	Mean daily Minimum.	Mean daily Range.
					Abs. Max. +	Abs. Min. −			
October ...	1902	29·739	28·389	1·350	·661	·689	29·166	28·988	·178
	1903	29·404	28·392	1·012	·409	·603	29·056	28·919	·137
	1911	29·76	28·20	1·56	·935	·625	28·944	28·710	·234
	1912	29·64	28·78	·86	·550	·310	29·139	29·038	·101
	Mean ...	29·636	28·442	1·194	·639	·557	29·076	28·914	·162
	Absolute	29·76	28·20	1·56	—	—	—	—	—
November ...	1902	30·182	28·878	1·304	·548	·756	29·710	29·554	·156
	1903	29·415	28·578	·837	·468	·369	29·004	28·884	·120
	1911	30·15	28·98	1·17	·520	·650	29·706	29·564	·142
	1912	29·70	28·64	1·06	·439	·621	29·334	29·189	·145
	Mean ...	29·862	28·769	1·093	·494	·599	29·439	29·298	·141
	Absolute	30·182	28·578	1·604	—	—	—	—	—
December ...	1902	29·845	29·019	·826	·340	·486	29·566	29·434	·132
	1903	29·668	28·932	·736	·374	·362	29·345	29·233	·112
	1911	30·04	29·08	·96	·288	·672	29·824	29·679	·145
	1912	29·68	28·49	1·19	·492	·698	29·252	29·134	·118
	Mean ...	29·808	28·880	·928	·373	·555	29·497	29·370	·127
	Absolute	30·04	28·49	1·55	—	—	—	—	—
Year	1902	30·251	28·210	2·041	—	—	29·417	29·233	·184
	1903	30·131	28·370	1·761	—	—	29·340	29·169	·171
	1911	30·15	28·20	1·950	—	—	29·352	29·174	·178
	1912	30·02	27·82	2·200	—	—	29·311	29·126	·185
	Mean ...	30·138	28·150	1·988	—	—	29·355	29·176	·179
	Absolute	30·251	27·82	2·431	—	—	—	—	—

TABLE 55. PRESSURE—MAXIMUM AND MINIMUM.

1911.

CAPE ADARE. Inches, reduced to 32° F., sea level and gravity at 45°.

Month.	Absolute Maximum.	Absolute Minimum.	Difference.	Difference from Mean of Month.		Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range.
				Abs. Max. +	Abs. Min. −			
March	29·43	28·76	0·67	·31	·36	29·204	29·043	·161
April	29·78	28·68	1·10	·53	·57	29·344	29·148	·196
May	29·66	28·32	1·34	·60	·74	29·215	28·911	·304
June	29·70	28·61	1·09	·59	·50	29·243	28·978	·265
July	29·69	28·44	1·25	·68	·57	29·136	28·875	·261
August	29·72	28·07	1·65	·65	1·00	29·215	28·911	·304
September	29·95	28·19	1·76	·97	·79	29·136	28·789	·347
October	29·22	28·28	0·94	·46	·48	28·844	28·662	·182
November	30·08	29·01	1·07	·52	·55	29·624	29·502	·122
December	30·07	29·13	0·94	·34	·60	29·804	29·650	·154
Year	30·08	28·07	2·01	—	—	29·277	29·047	·230

TABLE 56. PRESSURE—DIFFERENCE BETWEEN MEAN FOR JANUARY AND JULY.

EIGHT STATIONS. mm.

	Year.	December.	January.	February.	January (smoothed).	Year.	June.	July.	August.	July (smoothed).	Jan.–July. Actual.	Jan.–July. Smoothed.
Snow Hill (*a*)	—	—	—	—	—	1902	45·18	42·11	35·73	41·28	—	—
	—	—	—	—	—	1903	39·86	35·39	39·70	37·58	—	—
	02/03	43·11	43·66	37·81	42·06	Mean	—	38·75	—	39·43	+4·91	+2·63
L'ile Petermann (*b*)	08/09	47·42 (5 days)	41·04 (13 days)	39·82 (28 days)	41·00	1909	39·39	38·65	36·63	38·33	+2·39	+2·67
Gauss (*c*)	02/03	44·43	41·75	40·45	42·09	1902	42·65	41·93	32·38	39·72	−0·18	+2·37
Cape Adare (*d*)	2 yrs.	49·79	45·22	42·68	45·73	2 yrs.	38·11	42·68	38·36	40·46	+2·54	+5·27
McMurdo Sound (*e*)	4 yrs.	46·76	44·10	44·98	44·99	4 yrs.	41·22	39·80	38·56	39·84	+4·30	+5·15
Belgica (*f*)	98/99	48·0	47·2	35·7	44·5	1898	50·6	48·0	44·8	47·8	−0·8	−3·3
Port Charcot (*g*)	04/05	52·6	41·7	39·3	43·8	1904	45·2	48·2	43·7	46·3	−6·5	−2·5
Framheim (*h*)...	11/12	54·4	46·8	43·7	47·9	1911	34·7	34·3	36·2	34·9	+12·5	+13·0

(*a*) Bodman, *Met. Results of Swedish Expedition*, 1901–1903. Part III, p. 10.
(*b*) *Preliminary Report Mission Charcot.*
(*c*) Meinardus, *Met. Results of German Expedition*, 1902–1903, p. 30.
(*d*) Table 47, p. 218.
(*e*) Table 47, p. 218.
(*f*) *Met. Zeit.*, 1904, p. 439.
(*g*) *Met. Zeit.*, 1912, p. 547.
(*h*) Table 47, p. 218.

SECTION V.

DETERMINATION OF HEIGHT ABOVE SEA-LEVEL.

TABLES 57 to 59.

TABLE 57. DETERMINATION OF HEIGHTS.

1911-1912.	Position.	Date.	Time.	Bar.	Mean Temp.	Approx. Diff. in Height.	Cape Evans.			Corrected Diff. in Height.
							Bar.	Mean Temp.	Equivalent Diff. in Height.	
			Hour.	Inches.	° F.		Inches.	° F.	Feet.	Feet.
SOUTHERN BARRIER DEPOT—MID-GLACIER DEPOT.										
Polar Party outward ...	S.B. Depot M.G. Depot	Dec. 9 Dec. 17	6 19	29·65 26·18	20	3,176	29·96 29·76	23	−173	3,003
Polar Party return ...	M.G Depot S.B. Depot	Feb. 13 Feb. 19	14 6	25·97 29·08	3	2,780	29·75 29·26	19	+425	3,205
First Return Party ...	M.G. Depot S.B. Depot	Dec. 25 Dec. 28	8 9	26·19 29·67	22	3,197	29·89 29·85	23	+34	3,231
Simultaneous observations	M.G. Depot Barrier 82° 21′ S.	Dec. 17 Dec. 17	19 22	26·18 29·58	20	—	—	—	—	3,117
MID-GLACIER DEPOT—UPPER GLACIER DEPOT.										
Polar Party outward ...	M.G. Depot U.G. Depot	Dec. 18 Dec. 21	6 20	26·15 22·45	9	3,801	29·75 29·83	23	+69	3,870
Polar Party return ...	U.G. Depot M.G. Depot	Feb. 8 Feb. 13	6 14	22·20 25·97	5	3,872	29·71 29·75	21	−33	3,839
First Return Party ...	U.G. Depot M.G. Depot	Dec. 22 Dec. 24	8.30 22	22·47 26·23	10	3,864	29·90 29·93	21	−26	3,838
UPPER GLACIER DEPOT—3° DEPOT.										
Polar Party outward ...	U.G. Depot 3° Depot ...	Dec. 22 Dec. 31	8.30 14	22·47 20·28	−6	2,466	29·89 29·76	19	−113	2,353
Polar Party return ...	3° Depot ... U.G. Depot	Jan. 31 Feb. 7	6 21	19·95 22·19	−17	2,497	29·37 29·74	21	−320	2,177
BARRIER—LOWER GLACIER DEPOT.										
Polar Party return ...	L.G. Depot S.B. Depot	Feb. 18 Feb. 19	15 6	28·68 29·08	−2	—	—	—	—	343
First Return Party ...	L.G. Depot Barrier 83° 26′ S.	Dec. 28 Dec. 28	13 19	29·25 29·67	26	—	—	—	—	366
BARRIER—3° DEPOT.										
Polar Party	3° Depot ...	Jan. 1	7	20·18	−1	—	—	—	—	9,198
First Return Party ...	Barrier 82° 44′ S.	Jan. 1	6.30	29·44						
BARRIER—S. POLE. See pp. 293–294 Vol. I.										

Note.—The Southern Barrier Depot was erroneously called Pony Depot in Vol. I, Chapter IX.

TABLE 58. DIFFERENCE OF LEVEL BETWEEN CAMPS ON THE SOUTHERN POLAR PLATEAU.

Number of Camp.	Date.	Time.	Barometer.	Change in Barometer.	Change in Barometer due to change in Pressure.	Change in Barometer due to change in Height.	Mean Temperature.	Difference of Level.
	January,							
Outward—	1912.	Hour.	inches.	inches.	inches.	inches.	° F.	Feet.
3° Depot ... 53	1st	7 a.m.	20·23	−·09	−·06	−·03	−13	35
54		9 p.m.	20·14					
54	2nd	6 a.m.	20·12	−·16	−·05	−·11	−13	131
55		8 p.m.	19·96					
55	3rd	6 a.m.	19·91	−·09	−·03	−·06	−18	71
56		9.30 p.m.	19·82					
56	4th	6 a.m.	19·83	−·10	−·02	−·08	−17	97
57		8.30 p.m.	19·73					
57	5th	6 a.m.	19·69	−·09	−·06	−·03	−15	36
58		9 p.m.	19·60					
58	6th	6 a.m.	19·57	−·10	−·03	−·07	−22	83
59		9 p.m.	19·47					
59	7th	6 a.m.	19·46	−·04	−·01	−·03	−24	36
60		9 p.m.	19·42					
60	9th	1 p.m.	19·52	+·04	+·02	+·02	−5	−25
61		8.30 p.m.	19·56					
61	10th	6 a.m.	19·60	−·09	−·04	−·05	−8	61
62		9 p.m.	19·51					
62	11th	6 a.m.	19·43	−·01	−·08	−·07	−15	−85
63		9 p.m.	19·42					
63	12th	6 a.m.	19·40	+·03	·00	+·03	−20	−36
64		8 p.m.	19·43					
64	13th	6 a.m.	19·45	+·15	+·06	+·09	−22	−112
65		9 p.m.	19·60					
65	14th	6 a.m.	19·65	+·33	+·04	+·29	−18	−343
66		8 p.m.	19·98					
66	15th	6 a.m.	19·99	+·03	−·03	+·08	−24	−70
67		9 p.m.	20·02					
67	16th	6 a.m.	19·97	+·14	−·02	+·16	−24	−187
68		8 p.m.	20·11					
68	17th	5.30 a.m.	20·14	+·08	+·08	·00	−21	0
69		8 p.m.	20·22					
69	18th	7.30 a.m.	20·31	·00	+·05	−·05	−·22	−69
Return— 1		8.30 p.m.	20·31					
1	19th	6 a.m.	20·31	−·16	−·01	−·15	−21	−173
2		8.30 p.m.	20·15					
2	20th	6 a.m.	20·14	−·10	−·05	−·05	−20	−57
3		9 p.m.	20·04					
3	21st	8.30 a.m.	19·98	−·06	−·01	−·05	−12	−60
4		8.30 p.m.	19·92					
4	22nd	6 a.m.	19·96	−·04	+·06	−·10	−21	−117
5		8 p.m.	19·92					
5	23rd	6 a.m.	19·96	−·18	+·08	−·26	−23	−305
6		7.30 p.m.	19·78					
8	26th	6 a.m.	20·14	+·04	+·02	+·02	−16	24
9		9 p.m.	20·18					
9	27th	6 a.m.	20·14	−·16	−·12	−·04	−15	−47
10		8.30 p.m.	19·98					
10	28th	6 a.m.	19·86	+·01	−·10	+·11	−17	130
11		9.30 p.m.	19·87					
11	29th	6 a.m.	19·87	+·06	−·04	+·10	−24	115
12		9.30 p.m.	19·93					
12	30th	5.30 a.m.	19·89	+·14	−·06	+·20	−25	226
13		8.30 p.m.	20·03					
Near 3° Depot 13	31st	6 a.m.	20·00	+·11	−·05	+·16	−21	188
14		8.30 p.m.	20·11					

TABLE 59. HEIGHT ABOVE MEAN SEA LEVEL OF THE CAMPS BETWEEN THE SOUTHERN BARRIER DEPOT AND THE SOUTH POLE.

—	No. of Camp.	Date.	Miles from Southern Barrier Depot.	Lat. S.	Long. E.	Height above Mean Sea Level (Feet).
		Dec. 1911.		° ′	° ′	
Southern Barrier Depot ...	30	7	0	82 47	170 45	170
	31	8	—	—	—	190
	32	9	45	83 30	171 30	520
	33	10	51	83 36		750
	34	12	59	83 44		1,050
	35	13	63	83 48		1,250
	36	14	72	83 57		1,800
	37	15	81	84 6		2,250
	38	16	90	84 15		2,700
Mid Glacier Depot ...	39	17	99	84 24	170 0	3,300
	40	18	109	84 34		4,050
	41	19	123	84 45		5,000
	42	20	142	84 56		6,000
Upper Glacier Depot ...	43	21	154	85 7	163 4	7,150
	44	22	164	85 13		7,450
	45	23	179	85 22	159 31	7,850
	46	24	193	85 36		8,200
	47	25	207	85 50		8,400
	48	26	219	86 2	160 26	8,600
	49	27	232	86 15		8,700
	50	28	244	86 27		9,000
	51	29	256	86 39		9,150
	52	30	266	86 49		9,300
3° Depot ...	53	31	273	86 56	165 5	9,390
		Jan. 1912.				
	54	1	284	87 7		9,500
	55	2	297	87 20		9,600
	56	3	309	87 32		9,700
	57	4	321	87 44		9,750
	58	5	334	87 57		9,800
	59	6	346	88 9		9,850
	60	7	356	88 19	157 21	9,850
	61	9	361	88 24		9,850
	62	10	372	88 35		9,850
	63	11	383	88 46		9,860
	64	12	394	88 57		9,750
	65	13	406	89 9		9,600
	66	14	418	89 21		9,400
	67	15	430	89 33		9,300
	68	16	444	89 47		9,150
Pole	69	17	458	One mile beyond Pole		9,072

—	No. of Camp.	Date.	Miles from Southern Barrier Depot.	Lat. S.	Long. E.	Height above Mean Sea Level (Feet).
				RETURN.		
		Jan. 1912.		° ′	° ′	
Pole	1	18	449	89 52		9,100
	2	19	433	89 36		9,250
	3	20	417	89 20		9,400
	4	21	412	89 15		9,500
	5	22	397	89 0		9,700
	6	23	380	88 43		9,850
	7	24	373	88 36		9,850
	8	25	361	88 24		9,850
	9	26	346	88 9		9,850
	10	27	331	87 54		9,800
	11	28	315	87 38		9,700
	12	29	296	87 19		9,600
Near to 3° Depot ...	13	30	276	86 59		9,400
	14	31	268	86 45		9,300
		Feb.				
	15	1	252	86 35		9,100
	16	2	235	86 18		8,850
	17	3	219	86 2	160 26	8,600
	18	4	201	85 44		8,300
	19	5	183	85 26		7,950
	20	6	168	85 18		7,550
Upper Glacier Depot ...	21	7	154	85 7	163 4	7,150
	22	8	145	85 0		6,250
	23	9	132	84 50		5,500
	24	10	124	84 44		5,100
	25	11	116	84 38		4,600
	26	12	104	84 28		3,650
	27	13	91	84 16		2,800
	28	14	84	84 9		2,400
	29	15	70	83 55		1,700
	30	16	57	83 42		950
Lower Glacier Depot ...	31	17	45	83 30	171 30	520
Southern Barrier Depot ...	32	18	0	82 47	170 45	170

NOTE.—The height of each individual camp has been obtained by taking the heights of the six main depots—South Barrier Depot, Lower Glacier Depot, Mid Glacier Depot, Upper Glacier Depot, 3° Depot, and Pole—determined by the procedure described in Vol. 1, Chapter IX, as fixed points, and then interpolating between them with the aid of the pressure observed at each camp.

SECTION VI.

ATMOSPHERIC ELECTRICITY.

TABLES 60 and 61.

TABLE 60. POTENTIAL GRADIENT.

March, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
7	138	150	153	142	165	165	150	123	123	97	120	108	127	127	112	108	—	—	82	93	97	97	112	165
8	191	191	232	191	161	161	157	135	120	105	105	142	127	142	127	135	112	120	116	116	127	131	131	116
9	112	108	120	127	120	135	142	236	191	112	146	135	135	101	123	120	82	71	75	79	86	82	82	75
10	138	112	150	228	206	161	146	217	120	108	108	93	97	97	97	101	86	82	82	75	90	101	112	112
11	116	116	138	142	161	138	176	183	206	221	180	168	> 299	262	239	150	131	135	112	90	93	127	138	161
12	157	213	172	168	131	221	262	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299
13	> 299	262	187	187	299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	> 299	153	97	112	168	> 299	> 299	> 299	> 299
14	161	168	180	> 299	172	247	142	127	153	280	> 299	> 299	> 299	> 299	> 299	—	—	—	—	—	—	116	153	157
15	243	> 310	> 310	> 310	> 310	280	239	157	150	150	138	135	127	90	116	108	82	86	90	101	97	82	79	101
16	123	120	127	150	142	146	146	138	150	135	131	131	93	93	97	97	105	112	146	165	206	> 318	> 318	> 318
17	318	228	318	> 318	> 318	236	221	> 318	209	138	131	191	228	247	206	131	142	135	90	112	116	168	97	71
18	120	146	209	172	191	187	191	> 318	243	221	> 318	243	79	90	120	318	318	157	161	236	105	108	127	135
19	135	127	150	150	142	153	138	318	251	146	142	142	123	127	135	120	127	138	131	135	146	157	127	138
20	142	150	176	146	150	157	168	172	157	142	135	172	187	183	—	—	—	—	—	> 318	> 318	> 318	> 318	> 318
21	—	—	—	—	—	—	—	—	—	—	—	—	—	101	86	86	123	146	112	93	97	101	127	187
22	221	168	97	105	82	71	79	97	86	86	56	60	60	56	56	97	232	202	90	86	82	183	116	198
23	168	120	123	108	108	127	131	183	165	224	150	101	86	82	79	75	75	—	—	—	79	71	64	67
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	116	120	82	93	75	56	71	71	97	60	49	97	93	71	64	37	34	30	75	41	79	67	37	34
28	82	97	86	82	101	138	206	> 318	180	202	161	120	79	82	247	280	79	86	105	108	93	79	60	60
29	56	52	60	75	127	82	90	90	71	49	75	41	34	41	56	90	86	71	82	93	101	168	> 318	> 318
30	299	> 318	> 318	168	247	251	206	254	> 318	> 318	> 318	318	176	157	71	112	150	75	56	112	127	101	71	108
31	101	123	172	> 318	> 318	> 318	> 318	> 318	> 318	172	176	157	138	108	112	97	93	101	120	131	142	138	135	116

TABLE 60. POTENTIAL GRADIENT.

APRIL, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7 8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	116	116	153	172	183	> 318	254	202	239	299	131	71	90	112	90	116	112	112	97	93	116	172	138	153
2	116	101	101	112	105	165	176	187	168	120	82	60	60	41	52	75	105	127	97	112	108	112	127	135
3	90	105	93	108	138	123	97	71	60	56	60	56	86	105	101	82	86	97	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	101	138	90	101	97	75	82	101	127	127	116	131	146	75
5	75	75	60	64	108	112	90	71	86	67	64	71	67	86	120	123	108	112	127	153	138	150	157	165
6	194	161	209	247	206	232	288	224	224	224	176	150	120	112	101	112	198	191	318	318	> 318	258	266	280
7	> 318	180	82	67	93	90	86	131	90	71	75	71	123	135	168	97	93	105	67	64	101	105	138	150
8	123	112	337	> 337	> 337	> 337	—	—	—	—	—	—	—	—	—	—	> 337	> 337	> 337	337	> 337	337	198	180
9	247	153	176	123	123	123	135	120	101	86	75	90	79	82	82	123	146	82	112	—	123	138	180	172
10	172	135	108	120	105	131	116	71	93	135	112	101	183	127	123	191	97	*87*	*60*	79	60	112	112	112
11	93	108	108	86	—	—	—	56	64	—	56	75	52	49	56	60	67	56	116	116	116	161	97	90
12	108	127	131	79	299	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	> 337	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90	108	116	97	82
14	49	37	64	97	131	120	131	150	64	86	64	15	15	22	52	60	82	187	217	206	224	135	> 337	> 337
15	> 337	> 337	337	251	176	101	71	67	52	93	127	34	187	> 337	> 337	> 337	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	127	112	101	131	157	157	172	> 337	> 337	—	—	—	—	161	153	108	101	—	—	105	213	127	116	71
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	183	90	86	64	67	142	90	108
19	138	90	82	86	79	75	52	67	60	52	34	37	34	—	—	>337	>337	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	128	128	128	101	69	264	210	203	122	155	128	81	61	54	74	54	41	41	68	101	81	68	88	74
26	81	61	74	74	47	67	101	67	67	67	87	67	54	33	33	33	33	54	108	60	91	74	74	81
27	189	101	128	507	263	162	141	108	81	81	108	81	—	—	—	108	87	94	94	101	114	74	60	74
28	74	87	87	101	114	94	94	108	94	87	101	94	68	74	68	87	94	175	118	114	101	135	223	202
29	101	81	74	67	54	47	60	67	67	81	54	67	47	47	> 600	> 600	> 600	> 600	> 600	> 600	—	—	155	155
30	202	243	256	209	175	202	101	67	67	67	87	81	60	60	54	47	54	54	60	67	81	148	182	175

TABLE 60. POTENTIAL GRADIENT.

May, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	—	—	57	62	57	47	62	66	57	47	62	47	47	38	38	71	95	85	104	47	62	62	57	66
2	62	76	90	81	57	57	57	52	66	128	119	124	271	> 400	405	286	143	95	81	62	52	81	47	57
3	57	62	57	62	57	62	81	76	66	57	—	—	—	76	42	33	42	81	81	90	143	367	310	138
4	75	51	75	43	82	49	65	75	65	51	43	43	49	56	56	75	—	—	—	129	133	202	180	155
5	138	112	79	75	75	75	82	79	61	87	75	51	49	40	35	40	35	31	43	43	43	43	43	43
6	51	56	22	35	69	61	51	61	61	65	49	79	79	87	79	82	82	56	75	108	108	129	155	237
7	229	108	96	69	164	180	388	237	108	155	61	49	40	40	35	35	31	35	43	49	56	91	112	87
8	112	124	79	91	82	91	103	82	79	112	129	120	100	91	87	112	112	—	—	—	133	96	51	43
9	51	51	65	100	103	82	138	176	129	91	69	69	51	65	69	65	69	108	171	346	—	—	—	—
10	87	61	87	82	75	75	108	103	82	35	79	82	69	91	103	91	82	87	65	69	82	124	65	91
11	61	129	87	82	82	116	91	96	138	96	150	65	112	87	164	237	87	87	112	273	329	194	220	> 388
12	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	321	367	180	129	199	184
13	103	108	124	112	82	61	65	65	69	61	112	171	112	75	69	56	69	96	51	49	61	56	56	43
14	40	40	49	69	49	31	40	133	133	61	65	82	79	96	75	65	56	49	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	180	264	325	388	> 388	> 388	> 388	> 388	367	> 388	> 388	> 388	> 388
16	> 388	> 388	> 388	108	199	207	194	224	388	180	100	96	100	69	69	75	103	176	304	388	346	> 388	> 388	> 388
17	> 388	> 388	> 388	> 388	> 388	> 388	> 388	> 388	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65	56	75	91	51	56	69	65
22	61	75	61	79	91	69	69	87	87	96	—	—	49	75	56	51	35	31	35	49	40	40	35	40
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75	116	108
24	116	215	164	160	155	150	317	202	160	133	129	100	75	143	100	91	133	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	65	133	120	49	51	49	49	49	43	43	40	43
29	51	56	56	51	61	87	69	65	61	56	61	65	65	56	51	51	51	51	43	49	61	69	43	65
30	56	69	79	79	56	69	65	65	79	40	82	79	75	79	79	75	65	69	40	49	40	51	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 60. POTENTIAL GRADIENT.

June, 1911.

CAPE EVANS.

Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	> 367	> 367	> 367	> 367	—	—	100	121	124	79	49	43	82	91	—	51	138
22	168	108	199	117	202	143	> 367	> 367	155	120	108	112	96	51	31	35	31	35	49	56	—	—	—	61
23	51	43	43	61	56	87	100	112	56	79	69	65	51	79	51	43	51	43	56	56	61	65	161	150
24	180	143	121	108	112	108	61	51	51	43	87	91	96	61	91	56	61	65	69	96	129	87	79	116
25	87	49	51	51	51	65	160	367	176	116	129	112	108	91	96	129	120	96	124	184	237	171	75	75
26	69	69	56	51	69	65	65	87	—	—	—	—	—	—	—	—	> 367	108	69	61	79	61	96	143
27	112	91	75	65	143	61	61	147	91	116	211	79	96	207	160	133	120	143	133	108	96	103	91	49
28	61	79	96	75	116	171	180	124	116	180	112	56	56	51	43	51	—	120	43	31	10	43	10	40
29	43	51	49	43	56	65	56	56	103	190	220	120	103	65	56	26	49	113	75	96	65	10	26	43
30	82	108	112	120	108	61	79	65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 60. POTENTIAL GRADIENT.

July, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	51	96	79	91	65	61	—	—	—	75	91	65	79	51	51	49	61	56	51	61	69	91	40	40
2	35	304	304	346	164	155	304	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	69	69	108	75	133
4	> 367	> 367	> 367	> 367	—	—	—	—	—	—	> 367	> 367	—	—	—	—	> 367	> 367	—	—	> 367	> 367	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	56	43
6	65	56	75	56	100	120	129	87	79	79	79	65	69	82	91	75	91	108	87	82	96	100	82	75
7	82	75	65	65	150	129	96	79	150	129	87	143	> 367	> 367	> 367	> 367	> 367	164	91	100	103	147	112	87
8	51	65	65	51	61	75	82	87	96	199	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	96	87	91	75	65	91
14	51	61	367	346	10	49	65	56	100	87	43	61	75	100	75	147	129	168	176	171	304	207	69	61
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	69	75	112	87	124	160	138
16	120	116	171	190	160	224	247	295	108	96	108	69	79	129	> 367	> 367	> 367	171	87	108	> 367	> 367	> 367	> 367
17	190	147	129	108	155	164	164	168	211	171	133	138	129	124	124	147	100	82	103	103	215	91	69	87
18	150	129	116	129	184	220	260	224	176	184	215	147	133	129	147	120	143	112	87	61	49	103	96	69
19	51	75	69	69	87	51	69	75	91	96	116	61	49	49	49	49	51	49	61	51	65	75	51	51
20	75	96	112	124	150	147	> 367	> 367	91	69	69	75	87	82	82	91	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
21	194	82	61	61	82	120	184	190	96	79	133	138	129	61	56	51	49	65	87	65	—	—	65	56
22	65	124	103	112	87	82	207	> 367	> 367	> 367	—	—	—	—	> 367	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	184	> 367	> 367	> 367	—	—	—	—
24	100	108	96	108	150	108	87	56	65	75	61	65	56	56	40	40	87	150	108	51	82	87	87	51
25	56	82	91	103	96	100	61	79	79	87	116	96	96	82	79	79	82	87	91	108	129	282	229	180
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	100	56	75	116	143	120	108
27	96	51	79	100	61	61	75	65	82	184	79	79	> 367	367	108	75	69	51	100	120	100	116	91	79
28	61	56	87	138	96	103	79	56	65	82	79	75	65	69	96	> 367	> 367	229	202	120	129	112	133	164
29	—	—	—	—	—	—	—	—	—	—	—	215	147	233	224	194	251	100	87	69	108	49	69	87
30	108	103	138	168	100	82	91	103	147	96	87	82	65	56	49	43	—	65	82	61	91	103	100	65
31	91	120	116	138	164	155	143	184	150	87	75	79	79	82	87	51	51	—	—	—	—	91	96	79

TABLE 60. POTENTIAL GRADIENT.

August, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	120	108	75	79	91	160	155	171	171	199	176	112	75	65	79	91	65	304	> 367	> 367	133	155	291	190
2	164	233	273	103	96	91	82	87	79	65	65	69	69	61	56	49	65	100	138	277	190	295	260	> 367
3	> 367	304	300	124	75	51	69	75	87	220	233	180	171	150	120	124	116	138	150	164	116	147	171	150
4	129	82	82	112	87	138	100	87	79	79	65	65	79	65	61	75	61	69	75	103	120	190	143	112
5	108	108	120	103	96	171	150	171	143	171	180	291	120	309	160	—	—	—	—	—	—	—	96	171
6	> 367	> 367	346	300	79	51	220	124	100	160	171	116	79	61	96	75	51	65	79	79	79	75	75	75
7	69	75	82	87	69	75	69	75	96	124	129	96	65	69	61	61	61	79	61	96	75	49	56	82
8	56	75	87	61	69	65	69	82	87	79	61	82	120	116	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	75	75	79	82	79	69	75	91	143	155	224	> 367	> 367	> 367
10	> 367	> 367	367	> 367	215	87	133	150	304	> 367	> 367	367	138	120	100	103	112	160	100	103	100	108	194	> 367
11	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	69	96	65	61	56	51	56	75	96	87	69	75	65
13	100	108	75	79	75	75	75	87	96	75	75	75	75	75	69	79	75	61	69	75	69	69	79	75
14	82	116	69	96	129	82	82	87	124	108	79	69	56	51	49	43	49	112	75	65	79	69	75	69
15	65	61	56	56	56	51	56	56	100	138	100	96	96	325	180	87	82	112	91	61	51	51	56	69
16	61	65	69	61	61	61	87	65	61	65	56	43	43	40	43	43	43	61	69	61	75	82	87	79
17	65	75	69	116	65	56	69	82	91	124	124	87	61	61	56	56	61	51	82	96	138	108	108	120
18	133	103	79	79	61	61	87	143	108	100	79	82	51	56	49	51	49	49	56	69	75	79	91	91
19	91	180	> 367	> 367	> 367	> 367	> 367	—	—	—	—	—	—	—	—	147	116	124	133	164	269	202	150	160
20	129	147	247	194	325	> 367	325	190	184	120	96	96	112	120	103	100	103	108	155	133	237	220	224	229
21	251	277	211	164	180	224	164	150	171	112	100	108	87	91	91	143	87	103	155	171	124	96	75	120
22	108	108	120	133	367	> 367	> 367	> 367	> 367	—	—	—	—	—	—	—	—	—	—	—	> 367	> 367	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	> 367	> 367	> 367	> 367	—	—	—	—	—	—	—	—
25	171	129	100	103	108	124	133	129	129	260	367	325	160	124	116	160	120	133	108	116	120	103	171	133
26	143	155	260	269	251	211	100	56	61	56	49	43	35	31	26	31	35	40	31	56	91	79	103	171
27	—	—	—	—	—	—	—	160	171	147	82	61	56	61	150	103	51	103	43	43	40	51	56	49
28	61	133	112	82	96	79	61	61	65	69	75	91	91	82	79	61	96	65	75	79	96	79	61	61
29	75	61	56	43	40	40	26	35	61	91	87	91	82	82	75	82	100	96	65	56	69	160	190	138
30	176	160	171	143	120	133	184	121	202	164	184	103	108	150	124	160	160	129	129	120	112	160	277	304
31	> 367	233	168	160	202	171	242	176	176	116	79	65	49	51	43	61	> 367	—	—	—	—	—	—	—

TABLE 60. POTENTIAL GRADIENT.

September, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65	56	51
2	56	51	61	61	49	51	61	75	82	69	87	82	51	49	87	108	108	96	65	51	61	61	65	69
3	—	—	—	—	—	—	—	—	—	—	79	100	82	87	> 367	325	282	269	215	264	242	143	82	79
4	51	87	91	56	65	116	176	150	194	112	87	51	31	87	—	—	—	—	—	—	—	87	91	87
5	100	129	87	112	291	282	264	215	256	160	260	260	168	207	176	87	82	87	87	87	91	87	100	96
6	100	150	120	194	> 367	116	155	346	346	346	260	251	> 367	194	202	367	> 367	> 367	> 367	> 367	367	194	150	190
7	171	317	367	260	269	367	> 367	229	168	65	65	96	75	75	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65	87	56	75	103	147	202	> 367	233	150
11	164	143	112	100	96	120	96	124	291	242	96	69	120	75	49	43	65	69	103	155	121	79	75	65
12	79	75	75	79	75	120	96	82	79	116	184	317	129	190	313	329	194	147	116	65	87	79	82	65
13	87	65	91	82	75	69	91	82	87	82	82	160	207	199	190	180	143	82	96	129	155	180	160	69
14	96	229	260	264	242	194	180	147	116	120	65	69	65	51	61	61	171	124	82	65	91	79	112	87
15	100	124	147	108	108	82	96	112	143	—	—	—	—	—	—	—	—	—	—	—	—	79	108	103
16	65	75	147	91	69	91	75	79	79	96	112	194	103	108	75	65	61	65	346	215	202	> 367	> 367	> 367
17	> 367	> 367	> 367	282	138	133	124	202	242	116	100	96	87	79	124	103	56	79	75	112	160	304	180	150
18	108	133	133	65	82	96	103	112	194	168	91	112	103	91	91	61	65	56	82	112	194	269	291	116
19	215	150	129	103	129	108	100	129	180	147	180	124	116	112	180	176	116	143	120	91	129	143	87	91
20	124	116	87	194	176	120	69	69	65	79	75	171	129	108	79	190	202	91	147	251	143	112	124	150
21	116	147	138	194	304	260	171	190	202	160	143	171	321	256	190	120	304	> 367	> 367	> 367	—	—	325	215
22	160	176	176	171	171	202	207	194	194	194	138	160	120	143	143	87	82	103	108	91	69	75	143	69
23	108	65	108	69	91	143	147	112	129	112	120	129	176	160	160	150	160	264	150	91	116	155	150	129
24	129	108	87	79	180	124	164	184	138	91	96	155	160	82	40	40	61	171	160	194	171	100	69	79
25	171	116	100	91	116	150	96	91	87	103	91	79	96	96	69	65	96	160	147	325	207	367	> 367	> 367
26	> 367	> 367	291	207	171	150	155	120	133	325	> 367	> 367	260	304	325	171	176	176	199	215	> 367	367	> 367	367
27	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	367	194	260	367	237	> 367	> 367	367	138
28	143	147	171	367	> 367	367	> 367	264	304	155	129	129	—	—	—	—	—	> 367	367	367	> 367	288	190	120
29	138	138	138	155	184	215	207	317	147	168	133	82	108	147	121	79	129	124	96	87	82	184	96	65
30	75	79	82	108	124	96	65	91	116	91	100	108	129	> 367	> 367	—	—	—	—	—	—	—	—	—

TABLE 60. POTENTIAL GRADIENT.

October, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	—	—	—	—	—	—	—	—	—	—	—	—	129	108	108	75	49	43	43	51	56	61	40	367
2	> 367	> 367	> 367	31	4	12	0	−12	0	> 367	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	87	75	75	69	65	82	116	100	96	176	168	133	> 304
5	> 367	129	> 367	> 367	> 367	> 367	> 367	150	138	120	100	61	91	79	112	87	65	129	96	75	69	100	207	338
6	329	313	> 367	129	96	202	367	> 367	> 367	> 304	171	295	269	91	61	56	171	> 367	> 367	> 367	> 367	108	87	171
7	129	96	108	75	138	124	124	116	96	75	87	96	> 346	325	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
8	> 367	> 367	> 367	> 346	> 346	229	242	333	367	215	100	108	87	51	51	65	51	61	51	56	82	138	124	79
9	65	75	75	69	82	91	79	96	138	120	108	242	256	304	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	51	56	49	43	43	43	49	51	61	82	112	56	51
12	61	69	79	100	91	87	79	108	96	87	112	82	87	91	103	112	112	75	82	> 346	304	242	> 346	> 367
13	> 367	> 367	> 367	> 367	> 367	282	220	180	143	164	143	143	116	103	87	108	116	87	124	121	147	168	116	147
14	100	65	116	103	65	69	61	65	65	65	75	75	75	61	65	56	69	40	40	75	91	69	69	56
15	51	69	100	116	108	103	> 346	> 367	> 367	> 367	> 367	> 367	> 367	304	> 367	> 367	> 367	215	> 367	> 367	> 367	> 367	> 346	> 367
16	> 367	> 346	> 346	251	224	> 367	> 346	260	> 367	91	220	224	124	190	247	138	96	> 367	> 367	> 367	> 367	260	124	138
17	150	251	184	171	180	207	168	207	176	120	129	160	96	87	87	87	87	91	87	96	91	96	103	133
18	40	49	69	40	> 304	> 346	194	> 367	> 367	> 367	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	69	51	65	56	40	43	40	65	69	108	168	79	103	194
21	346	346	> 367	295	180	129	120	184	112	87	100	87	56	75	65	69	61	65	69	75	82	87	61	61
22	61	112	129	75	51	51	56	75	65	69	61	43	82	346	> 367	> 367	> 367	> 367	190	190	147	120	108	96
23	160	143	133	180	120	116	121	91	129	129	100	147	124	87	79	91	75	61	61	75	82	133	103	103
24	143	129	87	133	164	129	103	108	116	91	79	91	124	108	108	133	116	190	164	96	87	108	79	79
25	75	91	304	> 346	> 367	> 346	> 367	237	291	129	112	87	91	51	35	49	61	75	—	—	103	133	194	251
26	124	138	133	87	108	87	112	49	69	69	87	87	96	96	82	168	224	242	264	> 367	> 367	346	367	242
27	237	288	304	304	202	211	147	129	150	103	82	75	69	61	108	129	96	69	51	87	91	75	65	75
28	56	61	65	69	100	184	120	138	100	112	147	247	108	150	82	79	96	79	87	103	116	120	116	116
29	121	129	143	160	147	147	164	160	194	155	143	129	138	133	108	91	120	108	96	65	56	56	69	91
30	65	79	65	75	143	112	87	129	160	96	91	325	> 367	> 367	> 367	> 367	> 367	129	147	282	367	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61	87	112	108	96	160	160

TABLE 60. POTENTIAL GRADIENT.

November, 1911.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–1	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–11	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	11–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–21
Day.																								
1	138	207	143	291	202	160	112	108	103	91	87	79	237	199	367	304	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
2	291	321	129	199	> 367	> 346	> 346	> 367	> 346	171	260	> 367	215	184	220	256	215	321	242	282	180	138	108	116
3	108	171	150	133	161	147	150	129	112	124	138	124	91	79	82	75	100	129	124	112	103	161	117	168
4	138	124	96	79	116	112	87	124	100	282	> 367	> 367	> 367	> 367	168	96	100	100	75	100	120	82	79	100
5	120	155	184	215	211	202	190	147	129	129	168	87	79	103	79	69	79	87	133	124	143	103	100	116
6	61	87	91	120	> 367	> 367	> 367	> 367	> 346	199	164	164	103	51	22	—12	43	51	22	65	87	40	31	22
7	35	87	133	69	133	143	138	176	150	96	282	164	251	247	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
8	> 367	> 346	233	156	120	129	180	176	133	108	91	75	100	103	75	61	43	49	69	112	108	120	190	116
9	120	171	237	269	215	96	91	103	69	51	65	61	43	40	56	82	87	69	61	87	202	199	> 367	> 367
10	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	304	367	288	> 367	> 367	> 367	> 367	> 367	> 367	> 346	260	> 367	346	346
11	233	> 325	155	155	143	124	—	—	116	120	116	100	82	87	87	69	69	75	56	65	69	79	100	108
12	100	108	91	108	150	112	100	112	108	100	103	103	108	138	124	190	202	> 325	120	160	116	108	260	> 367
13	215	325	> 367	> 367	233	> 367	> 367	237	220	233	237	184	120	91	129	215	282	233	277	150	> 367	> 367	> 367	> 367
14	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 325	147
15	199	184	180	164	147	138	133	147	129	124	121	120	112	103	69	49	43	61	82	91	91	91	129	155
16	233	256	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	251	184	215	220	168	103	100	96	242	160	124	160	120	143	164
17	251	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	251	124	103	108	103	112	120	116	100	103	112	120	138	160
18	120	133	112	180	282	247	329	> 325	164	116	143	160	129	108	100	108	112	96	129	133	116	112	103	75
19	82	87	215	164	143	143	138	138	129	116	82	79	79	69	87	87	96	79	82	91	100	168	168	155
20	160	207	124	103	112	75	75	82	82	82	75	65	49	49	49	56	61	65	75	96	65	69	75	79
21	155	91	79	79	103	87	69	69	56	56	51	61	61	56	51	49	51	61	69	87	87	96	108	108
22	100	108	96	96	100	103	—	—	96	91	164	269	171	103	190	273	124	69	87	79	176	269	367	237
23	124	171	129	116	155	138	251	> 367	215	346	> 367	190	112	> 304	367	367	180	143	150	147	143	129	129	138
24	176	143	176	184	124	160	155	147	112	164	190	65	65	108	100	91	65	69	100	184	100	96	124	91
25	—	—	—	—	—	—	—	—	79	82	87	87	87	91	87	96	103	116	108	133	129	129	116	87
26	69	65	120	124	116	112	87	91	129	120	79	75	87	100	96	96	112	124	129	120	96	100	79	112
27	103	96	91	155	120	112	138	160	147	112	96	96	100	87	91	87	91	108	75	51	79	79	49	43
28	75	108	75	79	120	108	82	69	75	61	35	43	35	26	26	35	40	51	79	65	65	65	51	79
29	112	100	82	91	184	133	116	82	87	79	56	56	56	49	51	56	65	65	65	69	65	61	56	69
30	79	79	96	82	75	103	112	103	79	91	82	65	61	51	61	65	69	112	75	40	51	49	35	22

TABLE 60. POTENTIAL GRADIENT.

December. 1911.

CAPE EVANS. Volts per Metre.

Local time	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1 ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61	56	61	56	56	56	82	108	87	56
2 ...	79	87	96	69	129	133	108	96	100	91	79	75	82	87	82	65	75	82	103	129	108	82	116	190
3 ...	121	147	124	82	87	96	87	96	112	91	79	79	65	69	75	69	79	91	133	100	61	75	69	61
4 ...	65	79	100	138	256	191	124	120	96	75	65	82	> 367	> 367	> 367	> 367	> 367	—	—	—	—	—	—	—
5 ...	91	100	96	91	96	96	103	112	129	133	116	96	96	87	129	91	75	69	56	—	—	—	—	—
6 ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7 ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 ...	—	—	—	—	—	—	—	—	—	—	—	—	—	273	304	260	100	0	> 108*	> 108*	> 108*	> 108*	> 108*	22
9 ...	65	56	215	346	237	277	> 367	346	138	260	> 108*	—	> 108*	215	282	269	247	346	176	—	191	65	100	108
10 ...	82	133	199	164	155	161	112	164	211	> 304	229	138	116	124	147	190	260	273	215	> 325	237	229	> 346	> 367
11 ...	> 367	> 316	282	184	237	325	233	184	215	168	237	242	138	184	171	143	304	> 367	> 367	> 346	> 367	> 367	> 367	> 367
12 ...	> 367	—	—	—	—	—	—	—	> 367	288	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	260
13 ...	301	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 346	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
14 ...	> 367	> 367	> 367	> 367	> 367	251	124	> 367	> 367	367	367	367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
15 ...	> 367	> 367	> 367	367	> 346	> 367	215	108	129	116	176	> 367	309	184	138	87	51	61	87	51	91	103	87	69
16 ...	116	82	82	75	79	138	211	304	> 367	> 367	367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	367	82	69
17 ...	161	207	194	124	103	96	75	75	91	150	91	69	75	75	87	87	91	100	129	124	112	96	96	143
18 ...	96	87	79	65	—	—	—	—	147	112	103	112	75	79	108	124	116	100	103	160	168	138	129	133
19 ...	155	190	304	129	87	138	100	116	116	103	87	91	138	100	133	108	124	143	138	129	138	112	150	138
20 ...	112	143	133	161	288	129	96	96	87	79	69	61	19	51	56	65	91	69	40	65	138	191	> 367	> 367
21 ...	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
22 ...	> 367	> 367	> 367	> 367	> 367	> 325	260	194	269	> 367	> 367	215	75	61	133	108	103	113	> 367	—	—	—	—	—
23 ...	—	—	—	—	—	—	—	—	—	—	69	> 304	> 367	> 304	295	82	65	61	75	91	108	176	138	124
24 ...	91	96	133	91	120	120	112	100	103	108	91	100	120	96	82	91	96	87	87	108	129	168	129	129
25 ...	147	112	91	75	87	96	82	69	65	56	43	43	43	43	40	13	43	51	56	56	51	87	108	108
26 ...	138	112	124	168	120	120	143	124	103	82	56	56	56	69	82	129	87	143	120	96	143	176	190	242
27 ...	112	124	129	116	82	69	96	129	116	103	116	79	82	75	61	87	155	82	103	138	120	164	> 367	> 346
28 ...	—	—	—	—	237	291	> 367	> 367	> 367	325	346	285	211	260	233	180	87	79	75	120	147	117	96	164
29 ...	264	> 367	> 367	291	207	113	96	100	120	96	100	108	116	91	82	82	87	91	103	100	103	112	103	150
30 ...	43	22	12	9	9	9	9	0	9	35	26	0	9	4	26	9	9	4	−18	−9	−9	0	0	0
31 ...	0	0	0	18	4	0	0	4	9	4	4	9	87	108	171	100	82	75	91	100	82	82	103	120

* > − 108.

TABLE 60. POTENTIAL GRADIENT.

January, 1912.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	103	82	75	87	69	87	100	87	100	199	295	82	40	49	69	65	61	155	282	215	264	190	120	120
2	112	133	168	> 309	353	> 367	277	282	164	116	91	75	65	65	61	51	51	51	61	69	69	91	103	100
3	82	51	56	56	56	79	69	79	87	79	65	51	51	51	61	116	277	> 260	> 251	> 367	> 367	> 304	220	233
4	168	143	91	100	100	129	120	112	100	108	87	75	75	56	51	43	65	87	61	75	87	91	108	143
5	103	160	171	164	150	168	202	211	143	116	124	120	108	124	133	129	129	138	143	82	56	49	65	43
6	61	96	56	87	120	112	108	171	138	100	79	103	120	112	96	82	87	112	133	176	256	> 325	> 367	65
7	31	31	22	26	176	321	220	207	224	160	100	220	273	> 325	> 367	190	171	96	56	147	121	103	87	75
8	49	56	65	65	61	51	61	87	91	75	96	82	112	129	108	100	91	79	82	79	87	87	87	91
9	199	251	112	87	108	100	96	171	112	—	—	—	> 367	> 367	> 304	171	87	79	75	51	49	49	56	65
10	—	—	—	—	—	—	—	124	100	116	120	199	133	277	338	171	61	51	49	61	75	75	75	69
11	147	138	108	346	> 367	143	108	91	124	129	—	—	9	79	49	49	43	40	35	31	69	69	56	61
12	91	91	87	96	150	100	82	100	91	75	79	79	65	69	61	56	79	> 220	124	82	75	79	69	65
13	61	65	65	56	82	96	96	100	87	> 346	> 367	> 346	56	194	> 367	> 367	176	61	65	120	65	43	22	26
14	35	51	49	35	31	26	35	40	65	87	143	202	194	291	> 367	> 367	> 367	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	56	51	61	69	87	103	—	—	—	—	—	—	—	—	150	150
17	180	194	184	168	171	160	65	138	168	171	124	103	143	155	100	65	56	51	79	51	108	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	61	69	91	79	69	207	194	224	96	43	79	215	317	346	338	> 367	> 367	> 367	260	96	43	96	202	304
21	237	> 304	> 346	247	100	116	155	120	69	65	56	82	65	82	61	79	79	103	120	100	75	75	65	69
22	69	87	75	82	75	82	108	251	> 325	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
23	—	—	—	—	—	—	56	69	87	75	69	51	40	43	49	51	51	35	43	61	61	61	65	51
24	43	51	103	116	56	69	124	143	100	56	49	35	69	61	79	56	56	56	51	56	49	49	82	129
25	87	69	129	91	75	75	96	82	79	79	75	103	147	91	> 304	194	79	79	65	61	65	75	65	108
26	112	160	171	100	69	43	112	> 346	> 304	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	—	—	> 304	> 367	> 367	> 367
27	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	304
28	300	251	> 367	260	82	96	143	155	103	91	100	82	112	91	75	100	91	96	129	164	155	103	100	91
29	100	69	69	138	247	65	161	304	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	273	112	79	116	116
30	150	108	100	91	82	112	103	87	96	112	87	91	87	103	91	82	112	116	103	87	69	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-	—	--	—	—	—	—	—	—

TABLE 60. POTENTIAL GRADIENT.

February, 1912.

CAPE EVANS. Volts per Metre.

Local time ...	23–24	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23
Standard time ...	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24
Day.																								
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	108	100	> 367	> 367	> 367	> 367	> 367	> 367	329	164	65	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	65	49	43	43	56	56	56	79	75	120	75
4	—	—	—	—	—	—	—	—	—	—	—	—	129	82	69	61	56	40	43	51	61	82	79	87
5	150	199	194	150	143	124	194	75	91	91	79	91	100	194	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
6	> 367	> 367	> 367	282	211	> 367	273	260	133	176	180	229	147	133	124	138	150	171	> 304	> 367	> 367	> 367	> 304	133
7	133	224	300	242	199	260	277	171	116	108	133	87	56	51	56	61	49	49	43	49	49	56	51	51
8	61	184	194	143	160	176	160	164	207	211	87	56	61	49	56	56	51	49	40	40	35	43	69	69
9	43	56	65	69	65	56	51	56	61	61	40	40	40	31	31	31	40	43	40	49	49	51	43	51
10	43	49	150	82	40	61	133	79	164	82	120	56	26	26	26	—4	12	51	56	51	35	51	79	91
11	91	129	120	176	313	> 346	> 346	264	295	> 367	> 367	> 367	> 367	> 367	> 367	> 367	215	199	155	282	120	190	160	87
12	129	116	82	61	79	56	51	56	56	43	43	49	43	49	40	40	43	40	49	56	87	87	87	65
13	65	69	65	96	96	96	108	103	61	79	61	51	69	56	61	61	61	103	69	69	79	103	96	112
14	138	155	103	124	100	56	91	65	100	82	56	61	51	51	51	87	91	87	91	108	124	65	40	43
15	40	56	120	108	155	129	108	82	116	112	100	87	91	82	43	56	116	224	264	233	> 367	> 367	> 367	> 367
16	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367	> 367
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 61. RADIO-ACTIVITY.

CAPE EVANS

A = Elster and Geitel units.

Date.	Time. From	Time. To	A.	Temp.	Wind. Vel.	Wind. Direction.
1911.	h. m.	h. m.		° F.	Miles per hour.	
May 17	15 0	17 10	12	−5	35	E.S.E.
„ 18	10 30	12 30	12	−4	15	N.N.W.
„ 19	10 0	12 10	18	−8	4	Var.
„ 20	10 0	12 10	12	−19	14	S.E.
„ 22	15 30	17 47	12	−28	Calm.	
„ 23	10 40	12 40	15	−28	Calm.	
„ 24	15 45	18 00	60	−6	31	N.
„ 26	10 00	12 08	21	−14	2	
„ 27	11 00	13 09	18	−10	30	E.S.E.
„ 29	15 30	17 30	15	−17	4	
„ 31	11 10	13 10	21	−6	22	E.S.E.
June 1	14 30	16 37	9	4	48	E.S.E.
„ 2	11 15	13 20	12	3	50	E.S.E.
„ 3	10 00	12 02	18	5	30	E.S.E.
„ 5	11 00	13 02	24	−5	8	E.S.E.
„ 6	15 00	17 12	6	13	34	E.S.E.
„ 7	15 00	17 07	15	−3	2	
„ 12	15 0	17 17	15	−8	5	S.E.
„ 13	15 10	17 12	12	−25	Calm.	
„ 14	10 45	12 40	21	−16	3	
„ 16	10 45	12 50	15	−14	Calm.	
„ 17	16 15	18 17	12	−14	17	N.W.
„ 20	15 15	17 20	15	−31	5	S.E.
„ 23	16 30	18 20	24	−22	5	E.S.E.
„ 24	14 45	16 58	18	−24	Calm.	
„ 26	15 40	17 45	15	−30	15	E.S.E.
„ 28	14 55	17 14	30	−24	4	
July 6	10 30	12 32	9	−44	4	E.S.E.
„ 18	15 40	17 40	12	−27	Calm.	
„ 21	15 00	17 05	33	−30	5	S.E.
„ 25	16 10	18 00	24	−7	40	E.
„ 26	15 20	17 20	15	−17	2	S.E.
„ 29	15 00	17 20	30	−20	30	E.S.E.
„ 31	15 00	17 10	18	−32	Calm.	
August 1	15 00	17 00	36	−32	4	
„ 2	14 45	16 50	42	−30	Calm.	
„ 3	9 30	11 48	6	−13	30	E.S.E.

Date.	Time. From	Time. To	A.	Temp.	Wind. Vel.	Wind. Direction.
1911 and 1912.	h. m.	h. m.		° F.	Miles per hour.	
August 4	9 30	11 48	21	−23	4	S.E.
„ 9	16 00	18 10	18	−32	20	E.S.E.
„ 10	14 40	17 03	30	−21	24	E.S.E.
„ 15	15 00	17 05	27	−29	5	E.S.E.
„ 16	14 45	16 50	39	−34	5	
„ 17	16 00	18 27	30	−35	3	
„ 21	14 45	16 48	21	−15	48	E.S.E.
„ 25	16 10	18 13	30	4	25	E.S.E.
„ 29	10 30	12 35	12	−26	10	E.S.E.
December 5	14 40	16 53	30	21	25	E.
„ 11	15 45	17 47	15	28	12	E.S.E.
„ 18	9 50	12 02	9	27	13	N.W.
„ 19	16 10	18 10	6	26	15	N.W.
„ 20	11 30	13 30	6	26	5	N.W.
„ 21	10 15	12 16	12	24	26	E.S.E.
„ 22	10 30	12 32	9	18	12	E.S.E.
„ 23	9 35	11 35	15	22	20	E.S.E.
„ 26	15 00	17 00	9	28	5	Var.
„ 28	16 05	18 5	6	22	7	E.S.E.
„ 29	10 10	12 11	12	22	Calm.	
January 1	11 05	13 05	30	20	12	E.S.E.
„ 3	18 00	20 00	18	24	10	Var.
„ 4	9 55	12 02	30	25	6	S.E.
„ 6	10 40	12 38	24	25	5	Var.
„ 10	10 00	12 04	12	17	17	E.S.E.
„ 12	10 10	12 08	21	20	6	E.S.E.
„ 13	11 00	13 00	27	20	10	E.S.E.
„ 15	16 10	18 08	18	28	4	S.E.
„ 18	16 00	18 08	24	17	24	E.S.E.
„ 19	10 45	13 00	24	20	3	E.S.E.
„ 20	10 15	12 13	21	22	20	S.E.
„ 24	14 15	16 10	15	27	3	Var.
„ 25	15 00	17 03	12	21	15	E.S.E.
„ 31	14 40	16 47	12	27	14	E.S.E.
February 1	14 30	16 30	9	26	12	W.N.W.
„ 6	14 45	16 45	12	20	28	E.S.E.
„ 8	10 10	12 05	12	23	4	S.E.

SECTION VII.

METEOROLOGICAL JOURNALS AND DIARIES KEPT AT BASE STATIONS.

TABLES 62 to 66.

TABLE 62. METEOROLOGICAL JOURNAL.

January—February, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
January, 1911.							
13	8	2	A.-St., A.-Cu., Cu.	—	—	—	b.c.
14	8	10	A.-St., Nb.	—	—	—	o. Part of 22° halo visible 21 h. 30 m.
15	8	1	Ci., A.-St., Cu.	—	—	—	b.c.
16	8	1	Ci.	—	—	NW	b. At 2 h. snow commenced, snowing small flakes of badly-formed stars.
17	8	10	—	—	—	—	12 h. snow ceased and blizzard commenced at mid-day.
18	8	8	Ci., A.-St.	—	—	—	Fog over sea.
19	8	10	A.-St.	—	—	—	Overcast.
20	8	6	Ci.	—	—	NW	b.c.
21	8	1	Ci.-St.	—	—	NW	At about 11 h. Erebus smoke changed direction and then travelled from S. NW wind on the ground, but decreased in intensity.
22	8	9	St., Cu.-St.	—	—	—	Little small snow falling.
23	8	1	St.	—	—	W	b.
24	8	7	A.-Cu., Nb.	—	—	—	b.c.
25	7.45	0	—	—	—	—	b.
26	7.45	0	—	—	—	S	b.
27	7.45	1	Cu.-St.	—	—	Calm	b.
28	7.45	8	A.-St.	—	—	W	c.
29	7.46	9	Nb., Cu.-St.	—	—	—	A sprinkling of snow has been falling for a few hours; stopped at 9 h.
30	7.45	8	Ci., Ci.-St.	—	—	NW	
31	7.45	10	Cu., Ci.	—	—	NE	Blizzard until about midnight.
February, 1911.							
1	7.45	9	St.	—	—	—	
2	7.45	1	Cu.	—	—	S approx.	
3	7.45	10	A.-St.	—	—	—	
,,	17	10	Thin Nb.	—	—	—	Few flakes of snow falling.
4	7.49	2	Ci., Cu.	—	—	—	Started to snow at 21 h.
5	7.52	10	Nb.	—	—	—	Very little snow falling; snow stopped at 11 h. It is quite impossible to say how much snow has fallen, but would estimate 3 inches.
6	7.45	10	Nb.	—	—	—	Blizzard.
,,	12.11	10	Nb.	—	—	—	Blizzard.
,,	22	7	Cu., A.-Cu.	—	—	—	Weather appears to be improving and the sky clearing.
7	7.47	3	Cu., St.	—	—	—	Sun is shining.
,,	19	0	—	—	—	—	A cloud remains over the upper part of Erebus
,,	23.2	0	—	—	—	SE	A cloud remains over the upper part of Erebus.

TABLE 62. METEOROLOGICAL JOURNAL.

February, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
February, 1911.							
8	7.45	3	Ci.	—	—	SE	
9	7.45	0	—	—	—	None visible	
10	7.45	10	St., Nb.	—	—	—	A very light sprinkle of snow fell in the night. Snow-squall in N.
11	7.47	10	A.-St.	—	—	—	Dull.
12	7.45	10	St.	—	—	—	There has been a sprinkle of snow in the night. Little drift at present.
13	7.45	9	Ci.	—	—	NW	A roll cloud starts from lower slopes of Erebus and goes away to NW.
14	0.30	—	—	—	—	—	At 0 h. 30 m. a bright portion of the rainbow was seen. There were dark clouds over Cape Barne, and the rain was apparently falling from them. The colours were a broad red band, then a green band less broad, and a narrow blue band. There can be no doubt of its being a rainbow.
,,	7.46	9	St.	—	—	—	
,,	12.45	—	—	—	—	—	Heavy cloud to NW, with well-developed water-spout over sea and several rudimentary ones.
,,	21.45	—	—	—	—	—	Commenced to snow (small grains). Snow did not continue.
15	7.45	9	St., Nb.	—	—	—	Very dark clouds, with squall in the N. Fine snow grains just commencing to fall.
16	7.45	9	St.	—	—	—	
17	7.45	9	St.	—	—	—	
18	7.44	9	St, A.-Cu., Ci.-Cu.	—	—	—	Drift. ∔ One or two flakes of snow fell in the evening. Fragments of parhelion visible. Too windy to open direction recorder.
19	7.45	10	St.	—	—	—	On opening wind direction recorder found pin had fallen out; replaced at 8 h. 5 m.
,,	10.30	—	—	—	—	—	Little very fine snow falling.
,,	21	—	—	—	—	—	Iridescent clouds pink and green. 11° from sun. Bands followed edge of cloud, making border for large patches of green.
20	7.51	10	St.	—	—	—	
,,	16	—	—	—	—	—	Little fine snow falling, did not continue.
21	7.45	2	Cu.-St.	—	—	—	Day practically cloudless and the wind fell gradually, coming round into the W. Erebus smoke W. Sky clouded over in evening.
22	7.44	9	Cu.-St.	—	—	—	An odd flake or two of snow falling.
,,	19	—	—	—	—	—	Commenced to snow; practically no snow fell.
23	7.45	10	Nb., A.-St., A.-Cu.	A.-Cu. NNW	—	—	Very little fine snow. It did not continue.
,,	12	—	—	—	—	—	There is a considerable amount of frost-smoke over the sea, and the air is full of ice crystals, so the fog is crystals also no doubt. Dull day with the air full of fine ice crystals or fine snow.
24	7.45	7	Fog., St., A.-Cu., Ci.	A.-Cu., NW	—	W.	Sprinkling of fine ice crystals over everything.
,,	11.30	—	—	—	—	—	Snowing in largish flakes of malformed stars.
,,	17.30	—	—	—	—	—	Snow is now very fine and the wind is rising. Snow is 4 inches deep and a quantity melted represents rainfall of ·22 inches.
25	7.45	10	—	—	—	—	Blizzard, then some fall of snow. Drift.

TABLE 62. METEOROLOGICAL JOURNAL.

February—March, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour	Amount (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
February, 1911.							
25	16.4	9	Cu., St.	Medium Cu.-St. NNW	—	—	Drift.
26	7.45	7	Ci., A. Cu., St.	A.-Cu., NNW	—	—	Blizzard. Drift.
27	7.45	10	A.-Cu., St.	A.-Cu., N	—	22 h. NW	Drift.
28	7.45	4	Ci., A.-Cu., St.	A.-Cu. NW	—	—	Drift. Bright, with very high wind, but only little drift.
March, 1911.							
1	7.45	10	St.	—	—	—	Snow in single stars falling.
,,	12.30	10	Nb., St.	—	—	—	Little fine snow falling (stars).
,,	16	8	Cu.-St., Ci.	A.-Cu., NNW	SE	—	Snow ceased about 14 h.
,,	20	9	A.-Cu., St., Nb.	A.-Cu., NNW	—	—	Frost-smoke over sea.
,,	24	8	A.-Cu., A.-St.	—	—	—	
2	4	8	A.-Cu., A.-St.	—	—	NW	
,,	7.45	10	Ci.-St.	Ci., NNW	—	—	
,,	12	9	Nb., Cu.-St., Ci.	Ci., NNW	—	—	Dark weather to NW.
,,	16.5	10	A.-St.	—	—	—	
,,	20	10	—	—	—	—	Little drift; few flakes of snow. Overcast.
,,	24	10	—	—	—	—	Overcast.
3	4	10	Ci.-St., A.-St.	—	—	—	Low fog-like clouds over sea, moving with wind. Practically no drift.
,,	7.45	10	—	—	—	—	Fine snow (dust) falling. Sky overcast with thin clouds, the direction of which cannot be determined.
,,	12	10	A.-Cu., Mist	NNW	—	—	
,,	16	10	A.-Cu., Mist	—	—	—	Little snow dust falling.
,,	20	5	A.-Cu., Nb.	—	—	—	The sky is bluish-grey with a few A.-Cu. clouds and dull in the N. Little fine snow falling.
,,	23.40	10	—	—	—	—	Overcast. Very fine drift.
4	4	10	A.-Cu., Scud.	—	—	—	Typical blizzard with drift.
,,	7·49	9	Ci., Ci.-St., St.	Ci., NE	—	—	Only little drift. Sky blue with Ci. and a little St.
,,	12	10	A.-St., A.-Cu.	A.-Cu., NNE	—	—	Little drift. Sun shining through thin clouds.
,,	14.15	9	A.-St.	A.-St., NNE	—	—	Practically no drift.
,,	16	5	Ci., St.	Ci., NNE	—	—	No drift.
,,	20	3	Cu.-St.	—	—	—	Frost-smoke over water. The clouds are associated with Erebus and the Western Mountains.
,,	24	5	A.-Cu, Cu., St.	—	—	—	Very heavy clouds on W Mountains.
5	4	3	St.	—	—	—	Slight mist.
,,	7.45	10	Cu.-St.	Cu.-St., NW	—	—	Roll Cu. clouds over W Mountains. Little drift. Frost-smoke.

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1911.							
5	12	10	Cu.-St.	—	—	—	Frost-smoke over sea.
,,	16	10	—	—	—	—	Overcast. Frost-smoke and little snow.
,,	20	10	—	—	—	—	Frost-smoke
,,	23.40	10	—	—	—	—	
6	4	10	—	—	—	—	Very little snow falling.
,,	7.45	8	Ci., Ci.-St., Ci.-Cu., St.	Ci.-Cu., W by S	—	—	Frost-smoke.
,,	12	7	Ci., Fr.-Cu.	—	SE	—	Frost-smoke.
,,	16	3	St., Fr.-Cu.	—	SE	—	No frost-smoke
,,	20	3	Ci., St.	—	—	—	
,,	23.20	1	Ci.-St., St.	—	—	—	
7	4	5	Ci.-St., St.	—	—	—	
,,	7.47	3	Ci., Fr.-Cu., Cu.	—	—	NW	A.-Cu. from W. at 9 h. 30 m.
,,	12	3	Ci., Ci.-St.	Ci., WNW	—	—	
,,	16	3	Ci., Ci.-St.	—	—	—	
,,	20	3	Ci., Ci.-St.	Ci., WNW	—	—	Sun dipped behind Western Mountains at 20 h. 42 m
8	4	2	Ci., Ci.-St.	—	—	W or NW	Anemometer was out of order for an hour or two in the night.
,,	7.47	2	Ci., St.	WNW	—	NW	
,,	16	4	A.-Cu.	NNW	—	—	
,,	20	1	A.-Cu., St.	—	—	—	
9	0.5	1	Ci., St.	—	—	—	Bank of St. coming up from SW.
,,	4	3	A.-Cu., St.	—	—	—	
,,	7.45	2	A.-Cu., St.	SW	—	—	
,,	12	1	St.	—	—	W	
,,	16	5	Cu.-St.	—	—	W	The Sound is full of young ice, and only the bay in front of the hut is clear.
,,	20	1	Cu.-St.	—	—	W	Sound and bay frozen over.
10	0.10	10	A.-St., Cu., St.	—	—	—	
,,	4	10	Ci.-St., Cu.-St.	—	—	—	Young ice all blown away.
,,	7.46	9	Cu.-St.	—	NW	—	A few flakes of snow 8 h. 15 m.
,,	12	8	Cu.-St., A.-Cu.	NNW	—	—	
,,	16	7	A.-Cu., St.	NW	—	—	
,,	20.40	10	Cu.-St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1911.							
10	23.10	10	A.-Cu., St.	—	—	—	Frost-smoke.
11	4	10	Ci.-St., A.-St.	—	—	—	Raised fog clouds over Sound moving with wind.
,,	7.57	10	A.-St.	—	—	—	Fog clouds over Sound.
,,	12	10	A.-St.	—	—	—	Fog cloud over Sound.
,,	16	10	A.-St.	—	—	—	
,,	20	10	A.-St.	—	—	—	Little snow falling.
,,	24	10	—	—	—	—	Overcast. Little snow falling. Mist.
12	4	10	—	—	—	—	Overcast. Little fine snow falling. Bay appears to be freezing over.
,,	7.45	10	—	—	—	—	Little snow on ground and a little still falling. Slight drift.
,,	12	10	—	—	—	—	Blizzard. The sun can just be seen through the drift.
,,	16	10	—	—	—	—	Blizzard. The sun can just be seen through the drift.
,,	20	10	—	—	—	—	Blizzard. Drift.
,,	23.50	10	—	—	—	—	o. No drift.
13	4	10	—	—	—	—	Little drift.
,,	7.45	9	Ci., A.-St., Scud	—	Scud SE	—	Little drift. Frost-smoke.
,,	12	7	Ci., A.-St., Scud	—	Scud SE	—	Little drift. Frost-smoke.
,,	16	6	Ci., Ci-St., Fog	Ci., W.	—	W	Dense raised fog clouds over Sound. Frost-smoke. Weather brighter.
,,	20	10	—	—	—	—	o. Becoming dull again.
,,	24	10	—	—	—	—	
14	7.50	10	—	—	—	—	o. Little snow (dust) falling. Frost-smoke.
,,	12	10	—	—	—	—	Drift and snow dust falling.
,,	16	10	A.-St.	S	—	—	Sky less heavily clouded. Practically no drift.
,,	20	2	Ci., Cu.	WSW	—	—	Heavy bank of clouds in front of Western Mountains.
15	0.15	9	A.-Cu., St.	—	—	—	
,,	4	5	Cu.-St.	—	—	—	Heavy bank of clouds to SE and E.
,,	7.45	5	Ci.-St., Ci.-Cu., Fr.-Cu.	Ci-Cu., WNW	—	—	Air clear. Frost-smoke.
,,	12	1	Cu.	—	—	S or SW	
,,	16	1	Cu.	—	—	—	
,,	20	4	Ci., Cu.	—	—	—	Sea is freezing over.
16	0.20	1	Ci., St.	—	—	—	Cloud over Western Mountains.

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1911.							
16	4	7	Ci., Ci.-St., A.-St.	—	—	—	
,,	7.45	3	Ci.-St., St.	—	—	S or SE	There is a lot of young ice to the S, but the wind has blown it all out of our bay.
,,	13.10	8	Ci., Ci-St.	Ci. S	—	—	At 12 h. 30 m. the sky was cloudless, then Ci. spread over sky from SE.
,,	16	2	Ci.-St.	—	—	—	
,,	20	2	St.	—	—	—	St. clouds on SW horizon. Ice little to NE.
,,	24	10	Overcast	—	—	—	
17	4	10	—	—	—	—	Fine snow and fairly thick drift.
,,	7.45	7	A.-St., St.	A.-St., SE at 10 h.	—	—	Raised fog-cloud over Sound. All young ice except little to S blown away. Drift.
,,	12	8	Ci., Ci.-St., St.	A.-Cu., SE	—	—	Low drift.
,,	16	8	Ci.-St.	—	—	SE	No drift.
,,	20	10	Ci.-St., St.	—	—	—	
,,	23	10	Overcast	—	—	—	
18	4	10	Ci-St. A.-Cu., Fr.-Cu.	—	—	—	
,,	7.45	10	—	—	—	—	Dull. Little snow dust falling. Little drift.
,,	12	10	—	—	—	—	Drift in the gusts.
,,	16	9	Cu.-St.	—	SE	—	Clouds are now separate and a little blue sky is showing. Gusts very heavy.
,,	20	10	Cu -St.	—	SE	—	
,,	23	2	St.	—	—	—	
19	4	5	A.-Cu., Cu.-St.	—	—	—	
,,	7.56	10	A.-St.	—	—	—	Little frost smoke. Only little ice left to S.
,,	12	10	A.-St. Scud	—	—	—	
,,	16	9	A.-St., Nb.	A.-St., SE	—	—	A little low cloud over Sound.
,,	20	10	A.-St.	—	—	—	Fog cloud over Sound.
,,	24	2	A.-Cu., St.	—	—	—	
20	4	7	Ci.-St., A.-St.	—	—	NW	
,,	7.45	1	Ci.-St., St.	—	—	SE	Air clear.
,,	12	5	Ci., Ci.-St., A.-St.	N	—	—	Ci. spread over the sky soon after 9 h., appearing first in the E.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Blizzard.
,,	24	10	Overcast.	—	—	—	Blizzard; heavy drift.

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE EVANS.

Standard Time.		Cloud					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1911.							
21	4	10	—	—	—	—	Blizzard ; drift somewhat lighter.
,,	8.5	10	—	—	—	—	Blizzard ; moderate drift.
,,	12	10	—	—		—	Only little drift now.
,,	16	10	—	—	—	—	No drift.
,,	20	10	Ci.-St., A.-St.	A.-St , no motion	—	—	Clouds have the appearance seen after heavy rain at home.
,,	24	7	Ci.-St., St.	--	—	—	
22	4	10	St.	--	—	—	
,,	7.51	10	Ci.-St., Cu.-St.	Ci.-St., NW	—	—	The horizon from W to E through S is clear of heavy clouds. The Sound is rapidly freezing over.
,,	12	10	Ci., Cu.-St.	N	NW	—	Few flakes of snow.
,,	16	10	Cu.-St.	—	—	—	Few flakes of snow.
,,	20	10	—	—	—	—	Dull. Young ice blown away.
23	0.30	10	—	—	—	—	
,,	4	4	Ci.-St., St.	—	—	—	
,,	7.52	7	Ci., Ci.-St.	E	—	SE	
,,	12	8	Ci., Ci.-St., St.	Ci., E	—	SE	
,,	16	9	Ci.-St.	—	—	—	
,,	20	5	Ci.-St., St.	—	—	—	Ci. radiating from SW
,,	24	10	Ci.-St.	—	—	—	
24	4	10	Ci.-St., St.	--	—	—	
,,	7.59	10	—	--	—	—	A very little snow (corns) falling. Bay freezing over.
,,	12	9	A.-Cu., St., Nb.	S	—	—	Ceased snowing. Young ice blown away.
,,	16.16	10	Overcast.	--	—	—	Very clear over NW horizon.
,,	20	7	St.	—	—	—	
,,	24	4	A.-Cu., St.	—	—	—	
25	4	7	St.	—	—	NW	
,,	7.59	10	Cu.-St.	--	—	—	Heavy Cu.-St. over the sky with a break in the S, beyond which are Nb. but higher clouds. Few flakes of snow (stars). Sea freezing over.
,,	12	10	Cu.St.	—	SW	—	Very little motion of clouds. Few flakes of snow.
,,	16	8	Cu.-St., A -St.	A -Cu., SE	—	W	The Cu.-St. clouds are breaking up into large masses of A.-Cu.
,,	20.20	10	Cu.-St.	—	—	—	Very little snow falling.
,,	24	9	—	--	—	—	Clear over Western Mountains.
26	4	5	St., Fr.-Cu.	--	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1911.							
26	7.59	7	Ci.-Cu., St.	NNE	—	NW or N	Earth shadows visible. Swirl clouds visible to SE of Erebus.
,,	12	5	A.-Cu., St.	NNE	—	N	Young ice blown out of bay.
,,	16	9	Ci.-St. A.-Cu. Cu.-St.	A.-Cu., NNE	—	N	
,,	20	5	Ci.-St.	—	—	NE	
27	0.15	7	Ci.-St., St	—	—	—	
,,	4	8	Ci.-St., St.	—	—	—	
,,	7.59	9	Ci.-St., Cu.-St.	W	—	Calm or E	Ice over bay.
,,	12.45	9	Cu.-St.	—	NNW	—	Young ice blown away. Very few flakes of snow.
,,	16	10	St.	—	—	—	Very few flakes of snow.
,,	20	10	—	—	—	—	
,,	23.45	10	—	—	—	—	
28	4	9	St.	—	—	—	
,,	7.58	10	A.-Cu., A.-St.	A.-Cu., NNW	—	—	No drift.
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Bay freezing over.
29	0.10	10	—	—	—	—	
,,	4	10	—	—	—	—	
,,	7.59	9	Ci., Ci-St.	—	High fog	Calm	Ci. radiating from NNE. Bay and Sound frozen over as far as one can see. Clear air.
,,	12.35	10	A.-St., High fog	—	SE app.	—	The clouds have been getting thicker all morning.
,,	16	10	Ci-St., A.-St., A.-Cu.	Ci., NE	—	SE	A.-St. clouds show well-marked waves running from SW to NE. Ci. radiating NE-SW.
,,	20	10	St.	—	—	—	In parts of the sky the clouds show well developed waves which have much the appearance of mamato clouds. Direction of crests SW to NE approximately.
,,	24	10	—	—	—	—	
30	4	5	St.	—	—	—	
,,	8	10	Ci., Ci.-St., St.	Ci., E	—	—	
,,	12	9	Ci.-St., A.-St.	Ci., SSE	—	NW	Ci. radiating SW–NE.
,,	16	10	Ci.-St.	Ci., ENE	—	—	
,,	20	10	A.-St.	—	—	—	
,,	24	10	Ci.	—	—	—	
31	4	10	Ci.-St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March—April, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1911.							
31	8	8	Ci., A.-St., St.	Ci., ENE	—	—	
,,	12	10	Ci.-St., A.-St.	Ci., ESE	—	—	Fine swirl cloud to NW of Erebus. Ci. radiating N to S.
,,	16	9	Ci.-St., St.	—	—	—	
,,	20	9	Ci.-St.	—	—	—	22 h. Little aurora in the NNE.
,,	24	2	St.	—	—	—	Cloud bank to W and SW.
April, 1911.							
1	4	9	Ci.-St., St.	—	—	—	
,,	8.2	10	Ci.-St.	—	—	SE	Ci. appears to be stationary.
,,	12.25	8	Ci.-St., Cu.-St.	—	—	SE	11 h. Ci. moving from E.
,,	20	3	St.	—	—	—	
,,	24	0	—	—	—	—	
2	4	8	Cu.-St.	—	—	—	
,,	8	7	Ci., Cu.-St.	E (about)	—	W	Sea frozen over as far as our corner, with the exception of some open water between here and Hut Point.
,,	12	8	Cu.-St.	—	—	—	
,,	16	3	A.-Cu., Cu.-St.	SE	—	W	The wind is breaking up the ice in the bay.
,,	20	10	Overcast	—	—	—	
,,	24	10	Overcast	—	—	—	
3	4	10	Overcast	—	—	—	
,,	8	10	Nb.	—	—	—	Just commencing to snow. Young ice blown out of bay. Frost-smoke.
,,	12	10	Nb.	—	—	—	Very little fine snow. Frost-smoke.
,,	16	10	—	—	—	—	Verly little snow.
,,	20	10	—	—	—	—	Very little snow.
,,	24	10	—	—	—	—	Very little snow.
4	4	10	—	—	—	—	Very little snow.
,,	8	10	—	—	—	—	Very little snow. About $\frac{1}{4}$ inch of snow on ground.
,,	12	10	—	—	—	—	Snowing a little faster (snow-dust).
,,	16	10	—	—	—	—	Little snow.
,,	20	10	—	—	—	—	Little snow.
,,	24	10	—	—	—	—	Little snow.
5	4	10	—	—	—	—	Little snow.
,,	7.59	10	Cu.-St.	—	—	—	Very little snow. About another $\frac{1}{4}$ inch of snow has fallen in 24 hours. Sea frozen with thin coating of snow.

TABLE 62. METEOROLOGICAL JOURNAL.

April, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April, 1911.							
5	12	2	A.-Cu., St.	—	—	—	Weather bright again.
,,	16	1	St.	—	—	—	
,,	20	1	Cu.-St.	—	—	—	
,,	24	0	—	—	—	—	
6	4	0	—	—	—	—	One or two aurora streamers in NW.
,,	8	2	St.	—	—	—	Clouds in S and over Western Mountains.
,,	12.43	2	A.-Cu.		—	—	
,,	16	2	A.-Cu.	SSE	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
7	4	8	Ci.-St., St	—	—	—	
,,	7.59	10	Ci.-St., A.-St.	A.-St , S.E.	—	—	
,,	12.50	9	Ci.-St.,A.-St., St.	Ci., S.	—	—	
,,	20	10	—	—	—	—	Little snow falling.
,,	24	10	—	—	—	—	Very little snow.
8	4	—	—	—	—	—	Little snow and drift.
,,	8	10	—	—	—	—	Blizzard. The ice remains in the bay to about 100 yards from the shore, but beyond it has been blown out.
,,	12	10	—	—	—	—	Moderate blizzard.
,,	16	10	—	—	—	—	The blizzard is decreasing in intensity.
,,	20	10	—	—	—	—	Blizzard continues.
,,	24	10	—	—	—	—	
9	4	3	Ci.-St. St.	—	—	—	No drift. Arch of aurora streamers from NW to SE, with corona a little to W of zenith. A few streamers in other parts of the sky.
,,	8	10	A.-St.	—	—	—	There is a large amount of open water again, and the middle of the Sonnd appears open as far as Hut Point.
,,	12	7	Ci.	SSW	—	—	
,,	16	1	St.	—	—	—	The clouds are on the horizon.
,,	20	3	Ci.	—	—	—	Raised fog over Sound. Aurora.
,,	24	3	—	—	—	—	Fine aurora.
10	4	10	Ci.-St., A.-St.	—	—	—	
,,	7.59	10	—	—	—	—	Little very fine snow falling.
,,	12	10	—	—	—	—	

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April, 1911.							
10	16	10	A.-St.	—	—	—	The clouds are now very thin.
,,	20	10	Ci.-St., A.-St.	—	—	—	
,,	24	4	St.	—	—	—	Slight snow. Aurora, slight streamers.
11	4	1	St.	—	—	—	Stars are not clear, probably due to very thin Ci. Little aurora in NE.
,,	8	10	—	—	—	—	
,,	16	5	Ci.-St., St.	—	—	—	
,,	20	10	Ci.-St., A.-St.	—	—	—	Little snow falling.
12	0.30	10	—	—	—	—	Little snow falling.
,,	4	10	—	—	—	—	Little snow falling.
,,	8	10	—	—	—	—	Blizzard; moderate drift.
,,	12	10	—	—	—	—	Less drift.
,,	16	10	—	—	—	—	Drift has increased again.
,,	20	10	—	—	—	—	Drift somewhat less.
,,	24	10	—	—	—	—	Little drift.
13	4	6	Ci.-St.	—	—	—	No drift. 22° halo round moon.
,,	8	10	Ci.-St.	—	—	W	Ci.-St. radiant, NNE. Ice in our bay and as far S as Glacier Tongue, but rest of Sound quite open.
,,	12	9	Nb., St.	—	—	—	
,,	16	5	Ci.-St.	—	—	NW	
,,	20	10	Cu.-St.	—	—	—	Clouds are thin and low, like raised fog. Clear over Western Mountains. 21 h., vertical band of light above moon.
,,	24	10	—	—	—	—	
14	4	10	—	—	—	—	Just commencing to snow.
,,	8	10	—	—	—	—	
,,	12	10	—	—	—	—	Very few flakes of snow.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	—	—	—	—	A little snow.
15	4	10	—	—	—	—	A little snow. The clouds are very thin and the moon can be seen through them.
,,	8	10	—	NW	—	—	There is still open water from middle of Barne Glacier to the N and middle of Sound. Swirl cloud to S of Erebus. Frost-smoke.
,,	12	10	—	—	—	—	Little drift. Clear sky to S.
,,	16	10	—	—	—	—	Little drift. Thick frost-smoke over open water.

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April, 191 .							
15	20	10	—	—	—	—	Moderate drift, with probably some snow.
,,	24	10	—	—	—	—	No drift.
16	4	10	—	—	—	—	No drift.
,,	8	10	—	—	—	—	No change in ice conditions since yesterday. The sea is open S of Glacier Tongue. Frost-smoke.
,,	12	10	—	—	—	—	The clouds are becoming thinner.
,,	20	10	—	—	—	—	Very little snow falling. 22 h., Mock moon visible. 23 h., Sky nearly clear, but no aurora visible.
,,	24	8	—	—	—	—	Low clouds rapidly passing from N.
17	4	10	—	—	—	—	Few flakes of snow. Clouds are only thin and moon can be located.
,,	8	10	—	—	—	—	Thin low fog, like clouds, drifting with wind. Much young ice in Sound, and some can be seen in all parts, but ruined with open water.
,,	12.50	10	Cu.-St.	—	—	—	
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Clouds are very thin. Very little snow.
,,	24	10	—	—	—	—	Clouds very thin.
18	4	10	—	—	—	—	
,,	8.2	5	A.-Cu., St.	—	—	—	Young ice blown out of Sound, which remains open in the middle as far as one can see.
,,	12	1	St.	—	—	—	Little low surface drift. St. on N horizon.
,,	16.45	1	St.	—	—	W	St. on horizon.
,,	20	0	—	—	—	—	A few aurora streamers seen between 19 h. and 21 h. mainly in NNE.
,,	24	—	—	—	—	—	Large lunar corona. Curtain aurora NW to SE, sharp below, dim above; in S more detached and less continuous. No colours.
19	4	0	—	—	—	—	Single aurora streamer in NW.
,,	8	2	Ci.-St.	—	—	S	Sound completely frozen over, except for one or two pools. Lamp used for first time.
,,	12	10	Ci.-St.	Ci., SSE	—	—	
,,	16.30	10	Ci.-St.	—	—	—	Little low drift.
,,	20	10	—	—	—	—	Moderate drift.
,,	24	10	—	—	—	—	Low drift.
20	4	10	—	—	—	—	Little low drift. The clouds are very thin.
,,	8.2	10	Thin A.-St.	—	—	—	Little surface drift. Young ice is blown out of middle of Sound. Ice in our bay does not yet extend to end of Barne Glacier, and the middle of the Sound is open to within a short distance of the icebergs.
,,	12	8	A.-St., Fr.-Cu.	—	—	—	Little low drift. Fr.-Cu. or raised fog over Sound.
,,	16	9	A.-St., St.	—	—	—	No drift.

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Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
April, 1911.							
20	20	8	A.-St., Ci.-St.	—	—	—	
,,	24	3	St.	—	—	—	
21	8	10	Ci.-St., A.-St.	—	—	—	Lot of young ice floating on Sound.
,,	12	10	Ci.-St., A.-St., St.	—	—	—	
,,	16	10	A.-St.	—	—	—	
,,	20	10	A.-St.	—	—	—	
,,	24	8	—	—	—	—	Clouds thin.
22	4	10	A.-St.	—	—	—	
,,	8	10	Ci.-St., A.-St.	—	—	—	There appears to be more open water this morning.
,,	12	10	Overcast	—	—	—	The clouds are becoming thicker.
,,	20	2	A.-St.	—	—	—	
,,	24	0	—	—	—	—	22 h, faint beam of aurora N 30 E.
23	4	0	—	—	—	—	Little aurora (3) from NW to E; streamers rising to about 10° above horizon.
,,	8	10	—	—	—	—	Little snow and drift.
,,	12	8	A.-Cu., St.	—	—	—	
,,	16	10	Ci.-St., St.	—	—	—	
,,	20	5	St.	—	—	—	Little snow. There is a thin haze over the sky.
,,	24	1	St.	—	—	—	St. on horizon.
24	4	3	Ci.-St., St.	—	—	—	
,,	8.2	2	Ci.-St., St.	—	—	—	
,,	12	½	St.	—	—	—	Vertical beam above sun which is below horizon. Cloud only on horizon.
,,	16	1	—	—	—	—	St. over open water to W. Raised fog.
,,	20	0	—	—	—	—	
,,	24	1	—	—	—	—	
25	4	10	—	—	—	—	Few flakes of snow.
,,	8	2	A.-Cu., St.	—	—	—	
,,	12	0	—	—	—	—	
,,	16	1	Ci.-St.	—	—	—	Raised fog.
,,	20	10	—	—	—	—	The clouds are very thin and the brighter stars can be seen.
,,	24	1	St.	—	—	—	

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April, 1911.							
26	4	10	—	—	—	—	Little snow falling.
,,	8.30	10	—	—	—	—	Very little snow.
,,	12.15	10	—	—	—	—	Little snow falling in detached spheres.
,,	20.20	10	—	—	—	—	Little snow falling.
,,	24	10	—	—	—	—	Little snow falling.
27	4	10	—	—	—	—	Little snow falling.
,,	8	10	—	—	—	—	Little snow falling (dust).
,,	12	10	—	—	—	—	Little snow falling.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	—	—	—	—	
28	4	1	St.	—	—	—	Clouds are on W horizon. Little faint auroral light with streamers in N.
,,	8.5	8	Cu.-St.	—	—	—	The clouds are thin.
,,	12	9	St.	—	—	N	
,,	16.30	5	A.-Cu., St.	—	—	—	
,,	20	1	St.	—	—	—	Little St. on horizon.
,,	24	10	—	—	—	—	
29	4	10	—	—	—	—	
,,	8.1	10	—	—	—	—	
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	As soon as wind rose at 14 h. there was considerable surface drift which has now subsided. Clear over Western Mountains.
,,	20	0	—	—	—	—	Slight aurora.
,,	24	0	—	—	—	—	Little St. on W horizon.
30	4	2	St.	—	—	—	Little aurora over Erebus, with streamers up to zenith.
,,	8	10	Cu.-St.	—	—	—	The ice has gone out from the middle of the Sound and N of the end of Barne Glacier.
,,	12	3	A.-Cu., St.	—	—	NW	
,,	16	3	A.-St.	—	—	SE	It is calm for some considerable distance above Erebus and then a slow drift from SE.
,,	20	0	—	—	—	—	No aurora.
,,	24	0	—	—	—	—	

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Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
May, 1911.							
1	4	0	—	—	—	—	St. on NW horizon.
,,	8.1	2	Ci.-St., St.	—	—	NW	Everything exposed to the air is covered with a crystal ice glaze.
,,	12	0	—	—	—	N	
,,	17	0	—	—	—	—	No aurora.
,,	20	0	—	—	—	—	No aurora.
,,	24	0	—	—	—	—	Arch aurora.
2	4	0	—	—	—	—	
,,	8.4	0	—	—	—	S	The deposit of frost on everything is thicker.
,,	12	3	Ci.-St.	—	—	SW	Erebus smoke calm to some considerable height, then tends away from SW.
,,	16.35	3	St., Ci.-St.	—	—	NW	
,,	20	0	—	—	—	—	No aurora.
,,	24	0	—	—	—	—	No anrora.
3	4	0	—	—	—	—	Aurora.
,,	8·13	3	Ci.-St., St.	—	—	NW	
,,	12	9	Ci.-St., A.-St.	A.-St., SE	—	—	
,,	16	4	Ci.-St., St.	—	—	—	Thick band of St. over NW and SW horizon and Ci.St. in most parts of sky.
,,	20	3	St.	—	—	—	
,,	24	3	—	—	—	—	
4	4	10	—	—	—	—	Very thinly overcast. Few flakes of snow.
,,	8.11	10	A.-Cu.	—	—	—	There appears to be open water in the Sound.
,,	12	7	St., A.-Cu.	A.-Cu., SE	—	NW	
,,	16	1	St.	—	—	—	Clonds on N and W horizon.
,,	20.10	0	—	—	—	—	Clouds on horizon.
,,	24	0	—	—	—	—	
5	4	0	—	—	—	—	Little diffnsed light in NW.
,,	8.2	1	St.	—	—	NW	Clouds on horizon.
,,	12.20	—	—	—	—	NW	
,,	17	8	Ci.-St.	—	—	—	During afternoon Erebus smoke came round and at about 14 h. 30 m. was travelhng from E
,,	20	2	St.	—	—	—	No aurora.
,,	24	2	St.	—	—	—	Clonds on horizon
6	4	2	St.	—	—	—	There is probably a very thin layer of Ci. over the sky as the stars are not very clear.

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Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
May, 1911.							
6	8	7	A.-St.	—	—	—	
,,	12	10	—	—	—	—	Little snow falling.
,,	16	2	St., A.-Cu.	—	—	—	
,,	20	0	—	—	—	—	No aurora.
,,	24	0	—	—	—	—	No aurora.
7	4	10	—	—	—	—	Very thinly overcast, stars showing through.
,,	8.5	10	—	—	—	NW	Thinly overcast, stars showing through. Ci. radiant NW. Sound apparently completely frozen over.
,,	16	10	Ci.-St.	—	—	—	Thinly overcast.
,,	20	2	St.	—	—	—	Sky now practically clear.
,,	24	1	St.	—	—	—	Sky clear, except for low St. in W
8	4	0	—	—	—	—	Sky clear.
,,	8	3	Ci.-St., St.	—	—		Ci. radiant NW.
,,	12.30	10	Ci.-St., A.-St.	—	—	—	
,,	16	10	Ci.-St., A.-St.	—	—	—	
,,	20	10	—	—	—	—	Thinly overcast.
,,	24	0	—	—	—	—	St. on horizon.
9	4	0	—	—	—	—	
,,	7.58	3	St.	—	—	—	Whale-back cloud to S of Erebus.
,,	12	10	—	—	—	—	The sky clouded over very suddenly at 8 h. 20 m.
,,	16	7	St.	—	—	—	
,,	20	4	Ci.-St., St.	—	—	—	Part of 22° halo visible.
,,	24	6	St.	—	—	—	22° halo faintly visible.
10	4	10	St.	—	—	—	Very fine snow falling from 23 h. At 3 h. 30 m. completely overcast.
,,	7.58	10	—	—	—	—	Thinly overcast, bright stars showing. Very little fine snow falling, with a sprinkling over ground.
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	Thinly overcast, brightest stars visible.
,,	20	4	Ci.-St., St.	—	—	—	Part of 22° halo seen.
,,	24	3	Ci.-St.	—	—	—	$\frac{3}{4}$ of 22° halo.
11	4	3	Ci.-St.	—	—	—	Faint-portion of 22° halo.
,,	8.3	4	Ci.-St.	—	—	NW	

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Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
May, 1911.							
11	12	10	—	—	—	—	Thinly overcast.
,,	17.10	10	—	—	—	—	
,,	20.10	10	—	—	—	—	Misty on horizon. Paraselena.
,,	24	10	—	—	—	—	Paraselena. Low drift.
12	4	10	Ci.-St.	—	—	—	Part of 22° halo. Little surface drift.
,,	8	10	—	—	—	—	Thinly overcast. Little drift.
,,	12	10	—	—	—	—	Thinly overcast. Very little surface drift.
,,	16	10	—	—	—	—	Thinly overcast. Very little surface drift.
,,	20	10	Ci.-St.	—	—	S	Erebus smoke appears to rise straight up for some distance and then to move to the N. No drift.
,,	24	10	Ci.-St.	—	—	—	Thinly overcast.
13	4	10	Ci.-St.	—	—	N	Very thinly overcast. 22° halo nearly complete, with two horizontal mock moons.
,,	8.5	2	Ci.-St., St.	—	—	NW	Two bright mock moons and a vertical ray through moon.
,,	12	10	—	—	NNW	—	
,,	17	10	—	—	—	—	Little snow falling (dust).
,,	20	10	—	—	—	—	Thinly overcast.
14	0.12	10	—	—	—	—	Thinly overcast.
,,	4	10	—	—	—	—	Thinly overcast.
,,	7.59	10	—	—	—	—	Very little fine snow (dust) falling.
,,	12	10	—	—	—	—	Very little fine snow.
,,	16	1	St.	—	—	W	Sky is clear except for St. on horizon.
,,	20	8	A.-St., A.-Cu.	—	—	—	
,,	24	—	—	—	—	—	
15	4	1	St.	—	—	NW	Bright moon; Western Mountains appear quite clearly.
,,	8.4	7	A.-Cu.	S	—	—	
,,	12	5	A.-Cu.	S or SE	—	S or SE	Low surface drift.
,,	16	10	—	—	—	—	No drift.
,,	20	10	A.-Cu.	S	—	—	No drift.
,,	24	6	A.-Cu.	—	—	—	No drift.
16	4	9	A.-Cu.	S	—	N	Aureole round moon. The N current of air appears to extend to top of Erebus and the clouds moving from S are higher.
,,	8.3	9	A.-Cu., A.-St.	—	—	—	
,,	12	10	Ci.-St.	—	—	—	Thinly overcast.

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				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1911.							
16	16	7	Ci.-St.	—	—	—	Ci. radiant NW and SE
,,	20	10	—	—	—	—	Moderate surface drift.
,,	24	10	—	—	—	—	Moon dimly showing.
17	4	10	—	—	—	—	Moon dimly showing.
,,	8	10	—	—	—	—	Moon shining dimly. Little drift. 22° halo faintly visible round moon.
,,	12	10	—	—	—	—	Thinly overcast.
,,	16	10	—	—	—	—	Moon dimly visible.
,,	20	10	Ci.-St.	—	—	—	Lunar corona. Clouds thin.
,,	24	10	—	—	—	—	Thinly overcast. Snowing.
18	4	7	A.-Cu.	—	—	—	The clouds are lower, but have the appearance of A.-Cu.
,,	8.1	10	Ci.-St.	—	—	—	22° halo with two mock moons.
,,	12	10	—	—	—	—	Thinly overcast.
,,	18	10	—	—	—	—	Thinly overcast. Little snow.
,,	20	10	—	—	—	—	Little drift.
,,	24	10	—	—	—	—	Snow and drift; blizzard. Moon dimly showing.
19	4	10	Ci.-St.	—	—	—	22° halo faintly visible. No drift.
,,	8.3	10	A.-St.	—	—	—	Thinly overcast. 22° halo faintly visible.
,,	12	10	A.-St.	—	—	—	Moon dimly visible.
,,	17	10	—	—	—	—	Little snow falling. Light breeze.
,,	20	4	Ci.-St.	—	—	—	
,,	23.45	2	Ci.-St.	—	—	—	Light S breeze. Lunar corona.
20	4	8	A.-St.	—	—		
,,	8	9	A.-St.	—	—	—	
,,	12	10	A.-St.	—	—	—	
,,	16.30	10	—	—	—	—	
,,	20.40	6	—	—	—	—	
,,	24	0	—	—	—	—	Clouds on horizon. No aurora.
21	4	0	—	—	—	—	Clear sky.
,,	8	0	—	—	—	—	
,,	13	0	—	—	—	—	
,,	16	0	—	—	—	—	Moon shining. No aurora.

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				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1911.							
21	24	0	—	—	—	—	
22	4	0	—	—	—	—	
,,	8.9	0	—	—	—	—	22° halo faintly visible.
,,	13	0	—	—	—	SE	
,,	16	0	—	—	—	—	
,,	20	10	—	—	—	—	Overcast, with a little snow falling.
,,	24	10	—	—	—	—	Overcast, with a little snow falling.
23	4	10	—	—	—	—	Very, thinly overcast ; bright stars showing. Few flakes of snow.
,,	8.1	10	—	—	—	—	Thinly overcast ; 22° halo faintly visible. Little fine snow dust ; sprinkling of snow on ground.
,,	12	1	St.	—	—	—	Clouds in NW.
,,	16	10	—	—	—	—	Thinly overcast ; brigbter stars just visible.
,,	20	0	—	—	—	—	There is still a faint haze over the sky.
,,	24	0	—	—	—	—	
24	4	0	—	—	—	—	
,,	8.1	1	St.	—	—	—	The sky is slightly hazy.
,,	12	4	A.-St., Ci.-St.	—	—	—	
,,	16	5	A.-St., Ci.-St.	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	Nb.	—	—	—	Light snowfall ; small flakes.
25	4	10	Nb.	—	—	—	Light snowfall ; small flakes.
,,	8.2	10	—	—	—	—	Snow and drift.
,,	12	10	—	—	—	—	Drift, with probably snow.
,,	16	10	—	—	—	—	Drift has decreased very much. There is prohbaly no new snow falling now.
,,	20	10	—	—	—	—	The drift appears heavier, and snow is probably falling.
,,	24	10	St.	—	—	—	Slight drift. Sky clearing, no appreciable drift, 24 h. 40 m.
26	4	4	St.	—	—	—	No drift. b.m.
,,	7.58	2	St.	—	—	—	
,,	12	5	A.-Cu.	—	—	—	The clonds are low, but resemble A.-Cu.
,,	16	0	—	—	—	—	Clear sky.
,,	20	0	—	—	—	—	
,,	24	4	St.	—	—	—	Haze round horizon, clear at Zenith. b.m.

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				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1911.							
27	4	3	St.	—	—	—	Conditions as before. Breeze shifted to N about 2 h. 30 m.; falling light earlier. b.m.
,,	7.58	10	Ci.-St.	—	—	—	
,,	12	10	—	—	—	—	Thin haze over sky through which stars are visible.
,,	20	10	—	—	—	—	Sky covered with a thin haze.
,,	24	0	—	—	—	—	Foggy on horizon.
28	4	0	—	—	—	—	Foggy on horizon.
,,	8.3	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Clear.
29	4	0	—	—	—	—	Clear.
,,	8.18	0	—	—	—	—	
,,	12	1	St.	—	—	SE	Bank of clouds in SE.
,,	16	4	A.-Cu.	—	—	—	The clouds came up at about 13 h.
,,	20	0	—	—	—	—	No aurora.
,,	24	8	—	—	—	—	Cloudy, wind freshening.
30	4	6	—	—	—	—	Cloudy, wind freshening.
,,	8.1	10	—	—	—	—	Thinly overcast with stars showing in patches.
,,	12	3	A.-Cu., St.	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
31	4	10	—	—	—	—	
,,	8.1	10	—	—	—	—	Little snow falling.
,,	12	10	—	—	—	—	Snow.
,,	16	10	—	—	—	—	Snowing (dust).
,,	20	10	—	—	—	—	Blizzard with snow and drift.
,,	24	10	—	—	—	—	Overcast. Blizzard; not much drift.

TABLE 62. METEOROLOGICAL JOURNAL.

June, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
June, 1911.							
1	4	10	—	—	—	—	Blizzard ; excessive drift. Overcast.
,,	8.9	10	—	—	—	—	Snow and drift.
,,	12	10	—	—	—	—	No drift. The clouds are breaking.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	—	—	—	—	—	No drift. Cloudy.
2	4	—	—	—	—	—	Clear sky.
,,	8.3	1	St.	—	—	—	No drift.
,,	12	1	St.	—	—	—	
,,	20	2	St.	—	—	—	
,,	24	0	—	—	—	—	Aurora.
3	4	0	—	—	—	—	
,,	7.58	1	St.	—	—	—	
,,	12	9	St.	—	—	SE	
,,	16	4	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
4	4	1	St.	—	—	—	The sky is somewhat hazy.
,,	7.58	0	—	—	—	NW, 11 h.	
,,	12	0	—	—	—	NW	Weather b.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
5	4	0	—	—	—	S	
,,	8.1	10	Ci.-St., St.	—	—	—	Thin haze over sky through which only brightest stars show.
,,	12	10	Ci.-St.	—	—	—	Very thinly overcast. Brightest stars visible. Very little snow falling.
,,	16	10	—	—	—	—	Little snow falling.
,,	20	10	—	—	—	—	Very little snow.
,,	24	10	—	—	—	—	Very little snow.
6	4	10	—	—	—	—	Drifting hard.
,,	8.4	10	—	—	—	—	Moderate drift.

TABLE 62. METEOROLOGICAL JOURNAL.

JUNE, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
JUNE, 1911.							
6	12	8	St.	—	—	—	Clouds are thinner and there are a few clear patches. No drift.
,,	16	8	Ci.-St.	—	—	—	Very thin layer of Ci.-St. over sky. Bright stars visible.
,,	20	1	Ci.	—	—	—	
,,	23.50	0	—	—	—	—	
7	4	1	—	—	—	—	Light haze S and W.
,,	8.10	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	16	—	—	—	—	—	
,,	20	3	Ci.-St., A.-Cu.	—	—	—	Corona round moon.
,,	24	3	Ci.-St.	—	—	—	
8	4	0	—	—	—	—	
,,	8.3	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	—	Very little cloud in W.
,,	20	8	—	—	—	—	The clouds might be called Fracto-Stratus.
,,	24	8	—	—	—	—	Fr.-St. and Corona.
9	4	0	—	—	—	—	Sky clear, except for strips of St. in N.
,,	7.58	10	C.-St.	—	—	—	Brightest stars shine through cloud.
,,	12	10	—	—	—	—	
,,	16.12	10	St.	—	—	—	Overcast.
,,	20	10	—	—	—	—	Overcast.
,,	24	10	—	—	—	—	Thinly overcast.
10	4	10	—	—	—	—	Little fine snow falling.
,,	8.2	10	—	—	—	—	Thin sprinkling of snow on ground.
,,	12	10	—	—	—	—	Little snow.
,,	16	10	—	—	—	—	Snow and moderate drift.
,,	20	10	—	—	—	—	The clouds are thin and moon and bright stars are visible.
,,	24	10	—	—	—	—	Thin sheet of Ci.-St. in Zenith. A few bright stars faintly visible.
11	4	10	St.	—	—	—	2 h. 30 m. sky overcast. 3 h. commenced drifting.
,,	7.58	10	Ci.-St.	—	—	—	8 h. moon and stars visible through cloud. Little surface drift.
,,	12	2	Ci.-St., St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

JUNE, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1911.							
11	16	--	—	—	—	—	Little surface drift.
,,	20.45	2	—	—	—	—	For some time about 22 h. there was a brilliant corona round moon. The clouds were A.-Cu., moving from SW. There was no sign of a halo. It was difficult to believe that these were ice clouds.
,,	24	4	St.-Cu., St.	—	—	—	Corona. Weather b.c.
12	4	4	St.	—	—	—	Barne Glacier obscured by drift. b.c.
,,	8.3	7	Fr.-St.	—	N		Bright corona round moon, colours brilliant.
,,	12.20	8	Fr.-St.	—	—	—	
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	—	—	—	—	Sky overcast, moon visible, no wind, very light. Little snowfall between 22 h. and 24 h.
13	4	0	—	—	—	—	Small St. cloud over end of Barne Glacier.
,,	8.3	0	—	—	—	—	Thin sprinkling of snow on ground.
,,	12	1	St.	—	—	—	
,,	16	0	—	—	—	—	
,,	20	7	Ci.-Cu., C.-St.	—	—	—	Faint corona round moon.
14	0.5	5	Ci.-St., St.	—	SE	—	3 h. faint corona round moon.
,,	4	4	Ci.-Cu., Ci.-St., St.	—	—	—	Complete corona round moon. Erebus hidden by St. Mackerel sky to N.
,,	8.6	10	Ci.-St.	—	—	—	8 h. moon and stars visible through cloud. Frost on exposed articles.
,,	12	7	St.	—	—	—	A halo was seen round moon at 11.45.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Moon dimly visible.
15	1	3	Ci.	—	—	—	
,,	4	9	Ci.-St.	—	—	—	22° halo visible.
,,	8.1	9	Ci.St.	—	—	—	No drift. Patches of clear sky to S.
,,	12.40	10	—	—	—	—	The clouds are fairly heavy.
,,	16	9	Ci.-St.	—	—	—	The clouds are breaking.
,,	20	10	Ci.-St.	—	—	—	Thin layer of Ci.-St. over sky. 22° halo.
,,	24	6	Ci.-St.	—	—	—	At 21.45 the 22° halo was well developed but without mock suns. It had above part of the tangential inverted arc, and outside the 46° halo was faintly indicated. Height of moon 15° approx.
16	4	2	Ci.-St.	—	—	—	
,,	8.2	7	A.-St., A.-Cu.	—	—	—	Aureole round moon.
,,	12	10	—	—	—	—	Little snow falling.

TABLE 62. METEOROLOGICAL JOURNAL.

JUNE, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1911.							
16	16	10	—	—	—	—	Little snow falling.
,,	20	10	—	—	—	—	
,,	24	8	Ci.-St.	—	—	—	20° paraselena.
17	4	4	—	—	—	—	
,,	8.8	5	Ci.-St., A.-St.	—	—	—	Sprinkling of snow on ground.
,,	16	7	Ci.-St., A.-St.	—	—	—	There is probably a very thin Ci.-St. layer over whole sky.
,,	20	10	—	—	—	—	Very thinly overcast.
,,	24	10	Ci.-St., St.	—	—	—	Slightly overcast. Stars partly visible.
18	4	10	Ci.-St., St.	—	—	—	Overcast. Slightly snowing.
,,	8.3	10	—	—	—	—	Comparatively heavily overcast. Moon just visible. No stars.
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	The clouds are thinner. There has been a little drift occasionally since the wind rose this morning.
,,	20	10	—	—	—	—	Little drift.
,,	24	10	—	—	—	—	Clouds thin. Some stars and moon dimly visible.
19	4	5	Fr.-St.	—	—	—	
,,	7.58	3	Ci.-St.	—	—	—	Probably thin layer of Ci.-St. over whole sky.
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
20	4	0	—	—	—	NW	The cloud is in the NW over the Sound.
,,	8.4	1	—	—	—	—	At 10 h. a fairly bright paraselena appeared. It consisted of a bright vertical beam extending up and down, but brightest below; it broadened out towards the horizon which it touched. There was also a bright mock sun on the left and an indication of one on the right, and a bright patch over the moon.
,,	12	1	Ci.-St.	—	—	SE	At 11 h. 20 m. Erebus smoke rises a little way above the crater and then bends sharply to NW and goes in a stream extending to about 15°. Surface wind from N. 12 h. clouds are in the W.
,,	16	1	Ci.-St., St.	—	—	—	A very little Ci. is shown by glow round bright stars in E.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
21	4	0	—	—	—	—	
,,	7.59	10	Ci.-St.	—	—	—	Stars visible. No drift, but the air is hazy.

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1911.							
21	12	0	—	—	—	—	
,,	16.30	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
22	4	0	—	—	—	—	
,,	7.58	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
23	4	0	—	—	—	—	Aurora. Curtain loop over zenith.
,,	8.3	0	—	—	—	—	There is a very fine haze over the sky.
,,	12	10	Ci.-St.	—	—	—	
,,	16	10	—	—	—	—	Comparatively heavily overcast.
,,	20	10	—	—	—	—	A few bright stars just visible.
,,	24	10	—	—	—	—	Lightly overcast. Stars visible overhead.
24	4	10	—	—	—	—	Sky thinly overcast. Some aurora.
,,	8.15	10	Ci.-St.	—	—	—	Bright stars visible.
,,	12	4	Ci.-St.	—	—	—	The sky has cleared, but there is probably a thin layer of Ci.-St. everywhere, although it is hardly visible.
,,	16	10	Ci.-St.	—	—	—	Very thin haze over sky.
,,	20	10	Ci.-St.	—	—	—	Very thin layer of Ci.-St. Ice crystals falling.
,,	24	8	Ci.-St.	—	—	—	b. at zenith. Very fine layer of Ci.-St. over sky.
25	4	7	Ci.-St.	—	—	—	Sky clear at zenith. Ice crystals falling. Haze all round horizon.
,,	7.59	10	—	—	—	—	Bright stars in zenith visible. No drift.
,,	12	10	—	—	—	—	Thinly overcast.
,,	15.50	10	—	—	—	—	Thinly overcast.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
26	4	0	—	—	—	—	
,,	8	0	—	—	—	—	
,,	12	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

June—July, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
June, 1911.							
26	16	0	—	—	—	—	There is a haze over the sky all round horizon.
,,	19.55	0	—	—	—	—	
,,	24	0	—	—	—	—	
27	4	0	—	—	—	—	
,,	8.3	10	Ci.-St.	—	—	—	Very thinly overcast. Frost on anemometer glass.
,,	12	10	Ci.-St.	—	—	—	Cloud thin by zenith.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Curtain aurora E to S.
28	4	0	—	—	—	—	Clear and calm.
,,	8.7	10	—	—	—	—	Very thinly overcast; stars visible, but hazy.
,,	12	0	—	—	—	—	Erebus is covered by a cloud. Sky now clear.
,,	16	0	—	—	—	—	Sky clear. No cloud on Erebus.
,,	20.15	0	—	—	—	—	
,,	24	0	—	—	—	—	Sky clear. Slight wind.
29	4	0	—	—	—	—	Sky clear.
,,	8.9	0	—	—	—	—	Air hazy. Frost on anemometer glass.
,,	12	0	—	—	—	—	Between 9 h. and 10 h. a sudden wind rose, reaching gusts of 40 miles and over within a few minutes. It soon died away.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
30	4	0	—	—	—	—	
,,	8.4	0	—	—	—	—	Frost on anemometer glass.
,,	12.30	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
July, 1911.							
1	4	0	—	—	—	—	
,,	7.59	0	—	—	—	—	Frost on exposed articles.
,,	12.25	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1911.							
1	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
2	4	2	—	—	—	—	
,,	8.5	1	St.	—	—	—	Cloud in S.
,,	16	0	—	—	—	—	At 17 h. the lower part of a 22° halo was seen in the N.
,,	20	0	—	—	—	—	Crystals falling. Cloud on N horizon.
,,	24	0	—	—	—	—	
3	4	0	—	—	—	—	
,,	8.5	3	St.	—	—	—	The whole sky appears s mewhat hazy.
,,	12	1	St.	—	—	—	Sky is clearing. Whale-back clouds to N of Erebus.
,,	16	10	Ci.-St.	—	—	—	Sky thinly overcast.
,,	20	10	Ci.-St.	—	—	—	Very thin haze over the sky; showing part of 22° halo round moon.
,,	24	2	—	—	—	—	Low drift.
4	4	—	—	—	—	—	Drift.
,,	8	10	—	—	—	—	Little drift.
,,	12.8	10	—	—	—	—	Little drift.
,,	16	10	—	—	—	—	Moderate drift.
,,	20	—	—	—	—	—	The wind dropped 19 h., when a little snow fell.
,,	24	10	—	—	—	—	The sky is clearing and is now only covered by a thin haze from which a little snow is falling.
5	4	10	—	—	—	—	Sky heavily overcast. N wind. 1 h. to 1.30 paraselena.
,,	8.37	10	—	—	—	—	Thinly overcast.
,,	12	10	—	—	—	—	Thinly overcast. Very little snow falling.
,,	16	10	—	—	—	—	Very little snow falling. Thinly overcast, with patches of nearly clear sky.
,,	20	10	—	—	—	—	Thinly overcast. 22° halo.
,,	23.55	7	—	—	—	—	
6	3.55	0	—	—	—	—	
,,	8.2	1	St., Ci.-St.	—	—	—	Thin clouds are over southern horizon.
,,	12	0	—	—	—	—	The moon is visible through a haze which very likely extends over whole sky.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
July, 1911.							
6	24	0	—	—	—	—	Some detached St. to NW.
7	4	0	—	—	—	—	Some detached St. to NE.
,,	8.7	0	—	—	—	—	Frost on anemometer glass.
,,	12	1	St.	—	—	—	Fog is moving over N shoulder of Erebus, indicating a fairly strong wind from S.
,,	16	0	—	—	—	—	There is moderate surface drift, but the sky appears clear.
,,	20	5	Ci.-St.	—	—	—	Little or no drift. There is probably a thin haze over whole sky. Table cloth on Erebus and dumb-bell clouds on S side.
,,	24	3	Ci.-St.	—	—	—	Cloud cap on Erebus.
8	4	7	Ci.-St.	—	—	—	Cloud cap on Erebus.
,,	8.6	10	Ci.-St.	—	—	—	Part of 22° lunar halo visible.
,,	12	10	—	—	—	—	Sky thinly overcast. Moderate drift.
,,	16	10	—	—	—	—	Moderate drift which in only low and do no think there is any new snow falling.
,,	20	10	—	—	—	—	Moon and one or two brighter stars visible.
,,	24	10	—	—	—	—	Moon and one or two brighter stars visible.
9	5	10	—	—	—	—	
,,	8.5	10	—	—	—	—	There is probably a little snow falling now. Blizzard too bad to go to hill top.
,,	12	10	—	—	—	—	The sky is more heavily overcast than it has been since the beginning of the blizzard. Little drift and probably some snow falling.
,,	16	10	—	—	—	—	There is now practically no drift.
,,	20	10	—	—	—	—	The sky is much less thickly overcast.
,,	24	10	Ci.-St.	—	—	—	Drift.
10	4	10	St.	—	—	—	Sky heavily overcast. Position of moon can only just be determined.
,,	7.58	—	—	—	—	—	The sky is heavily overcast and the moon can hardly be seen.
,,	12	10	—	—	—	—	Heavily overcast.
,,	16	10	—	—	—	—	Snow and drift.
,,	20	10	—	—	—	—	Moderate drift and snow.
,,	24	10	—	—	—	—	Low heavy drift and snow.
11	4	10	St.	—	—	—	2 h.: drift exceptionally heavy. 3 h.: little drift. 4 h.: drift increasing. Faint corona round moon.
,,	8.7	10	—	—	—	—	
,,	12	10	—	—	—	—	Heavily overcast. Moderate drift with snow fall. Moderate drift with snow.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Moderate drift with snow. The clouds appear to be breaking.

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
July, 1911.							
11	24	10	—	—	—	—	No drift. Moon showing dully.
12	4	10	St.	—	—	—	No drift. Clouds breaking to N.
,,	8	7	Ci.-St.	—	—	—	Little surface drift. Ci. radiant S to N. The sky is hazy where there are no clouds.
,,	12	7	Ci.-St., St.	—	—	—	Moderate surface drift.
,,	16.20	10	—	—	—	—	Overcast ; drift.
,,	20	5	Ci.-St., St.	—	—	—	Whole sky covered with haze.
,,	24	3	Ci.-St., St.	—	—	—	
13	4	5	Ci.-St., St.	—	—	—	
,,	8.8	10	Ci.St.	—	—	—	Moon has highly coloured corona. Stars are clearly visible. Little St. cloud remains in S and over Western Mountains.
,,	12	5	Ci.-St.	—	—	—	Erebus smoke appears to be ascending vertically.
,,	16	7	—	—	—	—	Heavy St. cloud to NW with detached fog-like clouds over rest of sky.
,,	20	10	St.	—	—	—	The clouds are fairly heavy.
,,	24	10	St.	—	—	—	The clouds are fairly heavy. Moon faintly shining.
14	4	10	—	—	—	—	
,,	8.1	10	—	—	—	—	Hard grains of snow falling.
,,	12	10	—	—	—	—	Little snow dust falling.
,,	16	8	St., Fr.-St.	—	—	—	Little snow falling.
,,	20	10	—	—	—	—	Snow dust falling.
,,	24	10	—	—	—	—	Snow.
15	4	10	—	—	—	—	
,,	7.59	10	Ci.-St.	—	—	—	22° halo round moon.
,,	11.58	3	St.	—	—	—	St. and cloudy to W and SW ; dull on horizon, clear overhead.
,,	16	5	St., Ci.-St.	—	—	—	
,,	20	5	Ci.-St., St.	—	—	—	The sky remains hazy.
,,	24	0	—	—	—	—	Clear sky.
16	4	0	—	—	—	—	Clear sky. Bright moon.
,,	8.7	0	—	—	—	—	
,,	12	0	—	—	—	—	Weather clear and bright.
,,	16	0	—	—	—	—	Moderate surface drift. Sky quite clear.
,,	20	2	St.	—	—	—	The sky is hazy.
,,	24	0	—	—	—	—	Sky clear.

TABLE 62. METEOROLOGICAL JOURNAL

July, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1911.							
17	4	3	—	—	—	—	Sky partially overcast. Bright moon.
,,	8.1	9	Ci.-St.	—	—	—	
,,	12	10	—	—	—	—	Heavily overcast.
,,	16.25	3	—	—	—	—	
,,	20	2	St.	—	—	—	The clouds are only round horizon.
,,	24	0	—	—	—		
18	5	5	Ci.-St.	—	—	—	Whole sky somewhat hazy.
,,	8	1	Ci.-St.	—	—	N	
,,	12	0	—	—	—	—	Erebus has a large smoke-cloud this morning.
,,	16	1	St.	—	—	—	Clouds are over W horizon.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
19	4	0	—	—	—	—	6 h.; Blizzard, with considerable drift.
,,	8	0	—	—	—	—	Frost on anemometer glass.
,,	12	1	St.	—	—	—	
,,	16	1	St.	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Clear sky; slight haze N horizon.
20	4	0	—	—	—	—	
,,	8.5	1	St.	—	—	—	
,,	12	7	Ci.-St.	—	—	—	
,,	16.30	4	St., Ci.-St.	—	—		Little surface drift.
,,	20	0	—	—	—	—	Heavy surface drift. No clouds but sky is hazy; this may be due to drift.
21	0.5	0	—	—	—	—	Slight SE breeze. Aurora curtain E to SW, 20°.
,,	4	0	—	—	—	—	Aurora curtain N, NW, and S.
,,	7.59	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	16	2	Ci.-St., St.	—	—	—	
,,	20	10	Ci.-St.	—	—	—	At about 18 h. sky was fairly heavily overcast, now (20 h.) it is only lightly overcast. Erebus covered with cloud.
22	0.15	10	—	—	—	—	Thin haze over sky.
,,	4	10	—	—	—	—	Thin haze over sky.

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day	Hour.	Amount. (0-10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1911.							
22	8.3	10	—	—	—	—	Little drift ; probably some snow.
,,	12	10	—	—	—	—	Little drift, with probably some snow.
,,	16	10	—	—	—	—	Practically no drift.
,,	20	10	—	—	—	—	Not as heavily overcast ; stars dimly visible.
,,	24	10	Ci., St.	—	—	—	Overcast ; fine drift.
23	4	10	Ci., St.	—	—	—	1st magnitude stars chiefly visible through cloud near zenith.
,,	8.6	10	—	—	—	—	8 h. ; little drift ; thinly overcast.
,,	12	10	—	—	—	—	Practically no drift.
,,	16	10	—	—	—	—	The clouds appear to be breaking in NW.
,,	20	10	—	—	—	—	The clouds are much thinner and the stars are visible in the zenith.
,,	24	5	—	—	—	—	Sky clear overhead ; broken clouds N and S, 5° altitude.
24	4	0	—	—	—	—	Clear sky. Aurora.
,,	8	2	St.	—	—	—	The sky is still hazy.
,,	12	10	Ci.-St.	—	—	—	
,,	16.10	10	Ci.-St.	—	—	—	
,,	20	10	—	—	—	—	Thinly overcast.
25	0.3	?	—	—	—	—	Thinly overcast, but stars dimly visible in all quarters.
,,	4	10	Ci.-St.	—	—	—	Thinly overcast, but stars dimly visible in all quarters.
,,	7.58	10	Ci.-St.	—	—	—	Thinly overcast, bright stars visible.
,,	12	10	Ci.-St., St.	—	—	—	
,,	16	10	—	—	—	—	Overcast.
,,	20	10	—	—	—	—	Thinly overcast. No drift.
,,	24	10	—	—	—	—	Overcast. No drift.
26	4	5	—	—	—	—	Stars shining.
,,	8.6	3	St.	—	—	—	Hazy.
,,	12	7	Ci.-St., St.	—	—	—	The cloud over Erebus is disappearing and there are whale-back clouds to W of it.
,,	16	10	St.	—	—	—	Thinly overcast with low St. clouds.
,,	20	10	—	—	—	—	Thinly overcast ; only brighter stars visible. Little snow falling.
,,	24	0	—	—	—	—	
27	4	0	—	—	—	—	
,,	8.3	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

July—August, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind	Upper.	Lower.	Erebus Smoke.	
July, 1911.							
27	12	0	—	—	—	W	Little St. cloud on W horizon.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
28	4	0	—	—	—	—	
,,	7.59	0	—	—	—	—	Frost on anemometer glass.
,,	12	0	—	—	—	E. (13 h.)	Some St. in N. Big vertical cloud over Erebus equals height of mountain.
,,	16	1	St.	—	—	—	St. cloud in NW.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
29	4	0	—	—	—	—	
,,	8.3	0	—	—	—	—	No drift.
,,	12	2	Ci.-St.	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Aurora in N.
30	4	0	—	—	—	—	Clear sky. Aurora W—E.
,,	8.5	0	—	—	—	—	
,,	12	0	—	—	—	10 h. NW 12 h. K.	Read thermometer without light for first time.
,,	16	0	—	—	—	—	Sky very clear.
,,	20	0	—	—	—	—	
31	8.4	0	—	—	—	—	Frost on anemometer glass. At 10 h. Erebus smoke was gliding down the shoulder of the mountain.
,,	12	2	A.-St.	—	—	—	Erebus has a canopy of cloud, and there are whale-back clouds to N and S of it.
,,	16	10	St.	—	—	—	Sky became overcast rapidly at about 13 h. It is now moderately heavily overcast with low St.
,,	20	3	A.-St.	—	—	—	The clouds are in N and NW. They show very well defined waves with crests apparently running to W. The rest of sky is practically clear.
,,	24	1	—	—	—	—	Sharp layer of cloud across moon.
August, 1911.							
1	4	0	—	—	—	—	
,,	8.7	2	St.	—	—	—	St. cloud on S and NW horizon. Frost on anemometer glass.
,,	12	0	—	—	—	K	13 h.: Fine iridescent clouds over Barne Glacier.
,,	16	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
August, 1911.							
1	20	0	—	—			The sky is now quite clear, but at 19 h. the moon had an aureole round it, indicating very thin layer of Ci.-St.
,,	24	0	—	—	—	—	Sky quite clear, no aurora.
2	4	0	—	—	—	—	Faint aurora behind Erebus. Single St. cloudlets.
,,	8.1	1	Ci.-St.	—	—	—	Clouds in zenith.
,,	12	2	Ci.-St.	—	—	K	Only the planets and one or two stars are now visible at 13 h. (midday). Clouds are in form of waves in N.; crests run approximately E and W.
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	10	Ci.-St	—	—	—	Lunar halo very clear, thick haze on horizon and light haze all over the sky; can see Erebus.
3	4	10	Ci.-St.	—	—	—	Parhelion very fine. Low St. clouds to SW by W Light haze to W. and NW. Erebus clear.
,,	7.58	10	—	—	—	SE	Long smoke trail to NW. Thinly overcast. Frost on anemometer and thermograph.
,,	12	10	—	—	—	SE	No drift.
,,	16	10	—	—	—	—	No drift.
,,	20	10	—	—	—	—	No drift. Very thinly overcast.
,,	24	10	—	—	—	—	Very thinly overcast. Erebus clear. Thicker cloud to W.
4	4	3	A.-St.	—	—	—	
,,	8.2	4	Ci.-St.	—	—	—	There is a haze over the sky, thick on horizon and thin in zenith. Erebus has a cloak on upper part.
,,	12	10	—	—	—	—	Little snow falling.
,,	16	10	Ci.-St. A.-St.	A.-St. N or NW	—	—	
,,	20	10	—	—	—	—	Little snow falling. 22° halo visible sometimes.
,,	24	10	A.-St.	—	—	—	Fine snow falling. Moon alone visible.
5	4	10	A.-St.	—	—	—	Fine snow falling. Moon alone visible.
,,	7.58	3	Ci.-St.	—	—	NW to SE	Erebus smoke changing from NW to SE. Little frost on anemometer and thermograph.
,,	12	10	Ci.-St.	—	—	SE	Between 11 h. and 12 h. the wind came round from N to S and the air became very hazy as though it were full of drift. The moon has a vertical bar through it extending to about 2° on each side.
,,	15.58	10	Ci.-St.	—	—	—	
,,	20	10	Ci.-St.	—	—	—	22° halo. Thinly overcast.
6	0.15	10	Ci.-St.	—	—	—	Thinly overcast.
,,	4	2	St.	—	—	—	Low St. cloud all round horizon and over Erebus.
,,	8	10	—	—	—	—	Fairly heavily overcast with low clouds.
,,	12	10	—	—	—	—	Heavily overcast. Little snow falling.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1911.							
6	16	5	Ci.-St., St.	—		—	The sky is clearing.
,,	20	10	—	—	—	—	Sky thinly overcast.
,,	24	7	Ci.-St., St.	—	—	—	22° lunar halo.
7	4	2	Ci.-St.	—		—	Only clouded on N horizon.
,,	8.1	2	St.	—		NW	
,,	12	0	—	—		NW	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	3	Ci.-St.	—	—	—	Weather b.c. Ci.-St. to N. Small 1½° corona, orange tint.
8	4	1	Ci-St.	—		—	b.c. Ci.-St. to NNW. Clear sky.
,,	8.6	0	—	—	—	—	Frost on anemometer glass.
,,	12	1	Ci.-St.	—	—	K	Aureole round moon. Air hazy.
,,	16	0	—	—	—	K	Little surface drift.
,,	20	10	Ci.-St.	—	—	—	Very thinly overcast. 22° halo.
,,	24	—	—	—	—	—	Hazy except zenith. St. to NW.
9	4	10	—	—	—	—	Hazy. 22° halo and aureole.
,,	8.5	4	St.	—	—	—	A low fog-like cloud was covering the sky at 8 h.; this cleared away at 8.25.
,,	11.30	0	—	—	—	—	
,,	16.17	10	Ci.-St.	—	—	—	
,,	20	10	Ci.-St.	—	—	—	Corona with bright colours 19 h. 45 m.
,,	24	—	—	—	—	—	22° halo. No Erebus smoke. Haze.
10	4	10	—	—	—	—	Drifting.
,,	8.4	10	—	—	—	—	Fairly thickly overcast.
,,	12	10	—	—	—	—	Little drift.
,,	16.45	10	—	—	—	—	No drift.
,,	20	10	—	—	—	—	
,,	24	10	—	—	—	—	
11	4	10	—	—	—	—	Moderate drift: probably some snow.
,,	7.58	10	—	—	—	—	Moderate drift.
,,	12	10	—	—	—	—	Little drift.
,,	16	10	—	—	—	—	Little drift. The clouds are thin.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
August, 1911.							
11	20	10	—	—	—	—	Clouds heavier; position of moon hardly discernible. Little drift.
,,	24	10	—	—	—	—	
12	4	8	—	—	—	—	
,,	8.3	10	—	—	—	NW	Thinly overcast; moon and brightest stars visible.
,,	12	1	St.	—	—	Calm	
,,	16	0	—	—	—	S.	
,,	20	0	—	—	—	S.	Sky very clear.
,,	24	0	—	—	—	SW	Sky very clear.
13	4	0	—	—	—	S	Sky very clear.
,,	8.2	0	—	—	—	S	
,,	12	7	Ci.-St.	—	—	S	
,,	16	3	Ci.-St.	—	—	NE	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Clear sky.
14	4	0	—	—	—	—	
,,	8.5	0	—	—	—	W	Little frost on anemometer glass.
,,	12	0	—	—	—	W	
,,	16.17	0	—	—	—	W	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	N	Smoke from Erebus going to S.
15	4.2	0	—	—	—	—	Smoke from Erebus rising straight up (or towards us).
,,	8.2	8	Ci.-St.	—	—	N	Little frost on anemometer glass.
,,	12	10	Ci.-St.	—	—	—	Overcast.
,,	16	10	Ci.-St., St.	—	—	—	Erebus partly veiled. Radiant of Ci.-St. WNW.
,,	20	10	Ci.-St.	—	—	—	
,,	24	0	—	—	—	—	
16	8.7	5	Ci.-St.	—	—	NW	
,,	12	6	Ci.-St., St.	—	—	NW	Thin lines of Ci.-St. overhead, but planets clearly visible.
,,	16	1	St.	—	—	W	Thermometers read without light. 13 h.: vertical shaft of light over position of sun.
,,	19.55	0	—	—	—	—	
,,	24	0	—	—	—	—	

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August, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
Day	Hour	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1911.							
17	4	0	—	—	—	—	
,,	7.58	2	Ci.-St.	—	—	W	Clouds to S. Little frost on anemometer glass.
,,	12	2	Ci.-St.	—	—	W	
,,	16	1	St.	—	—	W	
,,	20	0	—	—	—	—	
,,	24	10	—	—	—	—	Overcast; the stars visible in zenith.
18	4	10	—	—	—	—	Stars visible. Clouds very low.
,,	7.59	2	Ci.-St., St.	—	—	N	
,,	12	0	—	—	—	NW	The sky is somewhat hazy.
,,	16.35	0	—	—	—	—	Little St. cloud to N.
,,	20	1	St.	—	—	—	Cloud is on horizon from W to E through N.
,,	24	2	St.	—	—	—	Low haze on N and W horizon.
19	4	2	St.	—	—	—	Low haze on horizon.
,,	8.7	10	—	—	—	—	Heavy surface drift. Sky thinly overcast.
,,	12	10	—	—	—	—	Moderate surface drift.
,,	16	10	—	—	—	—	No drift.
,,	20	10	—	—	—	—	Thinly overcast.
,,	24	10	—	—	—	—	Thinly overcast.
20	4	10	—	—	—	—	Thinly overcast.
,,	8.4	10	—	—	—	K	Thinly overcast. No drift.
,,	12	5	Ci.-St.	—	—	S	There is probably Ci.-St. over the whole sky, but it can be seen only in the N.
,,	16	5	Ci.-St.	—	—	—	There is probably Ci.-St. over the whole sky, but it can be seen only in the N.
,,	20	5	Ci.-St.	—	—	—	
,,	24	0	—	—	—	—	Aurora in the zenith. Clear sky.
21	4	10	Ci.-St.	—	—	—	Stars are hazy. Very slightly overcast.
,,	8.3	3	Ci.-St.	—	—	S	
,,	12	2	Ci.-St.	—	—	K	Clouds on horizon.
,,	16	3	Ci.-St.	—	—	K	Clouds on horizon.
,,	20	0	—	—	—	—	
,,	24	10	Ci.-St.	—	—	—	Very slightly overcast.
22	4	10	St.	—	—	—	Overcast.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
August, 1911.							
22	8.8	10	—	—	—	—	Moderate drift.
,,	12	10	—	—	—	—	Little drift.
,,	16.30	7	St., Scud.	—	—	—	Little surface drift.
,,	20	10	—	—	—	—	Little drift.
,,	24	10	St., Scud.	—	—	—	Very heavy drift.
23	4	10	St., Scud.	—	—	—	Very heavy drift.
,,	8.3	10	—	—	—	—	Heavy drift and snow. Observed without lamp first time.
,,	12	10	—	—	—	—	Heavy drift.
,,	16	10	—	—	—	—	Heavy drift.
,,	20	10	—	—	—	—	Less drift.
,,	24	10	—	—	—	—	Little drift. Ramp visible. Wind dropping.
24	5	10	—	—	—	—	Heavy drift.
,,	8.14	10	A.-St. Scud.	—	—	—	Moderately heavy drift.
,,	12	10	Ci.-St., St., Fr.-St.	—	—	—	The lower St. is breaking up. Moderate drift.
,,	16	10	—	—	—	—	Moderately heavy drift; possibly snowing.
,,	20	10	—	—	—	—	Moderately heavy drift; possibly snowing.
,,	24	10	Ci.-St., St.	—	—	—	Slight drift. Dark sky on horizon to N. Weather o.s.
25	4	10	Ci.-St., St.	—	—	—	Snow at intervals and not very heavy. Uniformly overcast.
,,	8.3	10	Ci.-St., A.-St.	—	—	—	Whale-back clouds NW of Erebus.
,,	12	7	Ci.-St.	—	—	—	Erebus has whale-back and wind clouds to right and left.
,,	16	8	Ci.-St., Cu.	—	—	18 h. SE	The upper part of sun's disk seen from Windvane Hill at about 14 h. Fine roll cumulus from Erebus, stretching away to the W.
,,	20	9	St.	—	—	—	Fairly heavy clouds over the sky.
,,	24	8	St.	—	—	—	Cloudy all around; clear zenith.
26	4.2	—	—	—	—	—	Clear. Aurora in SE.
,,	8.6	2	A.-St.	—	—	—	Whale-back clouds to NW of Erebus.
,,	12	0	—	—	—	K.	Little St. on NW horizon.
,,	17	7	St.	—	—	—	
,,	20	10	—	—	—	—	Thinly overcast. Very little snow falling.
,,	24	10	Ci.-St.	—	—	—	Thinly overcast.
27	4	1	St.	—	—	—	Very thin haze over parts of the sky.
,,	8.5	4	Ci.-St., St.	—	—	K.	

TABLE 62. METEOROLOGICAL JOURNAL.

August—September, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1911.							
27	12	10	—	—	—	—	Fairly heavily overcast.
,,	16	10	—	—	—	—	Overcast, misty, with very fine snow.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
28	4	2	—	—	—	—	
,,	8.3	10	A.-St.	—	—	—	Erebus has a cloud cloak.
,,	12	5	A.-St., Ci.-St.	—	—	S	
,,	16	1	Ci.-St.	—	—	WSW	
,,	20	0	—	—	—	—	Sky very clear.
,,	24	0	—	—	—	—	Hazy and snowing.
29	4	0	—	—	—	—	Sky clear.
,,	8.5	9	Ci.-St.	—	—	S.K.	
,,	16	5	Ci.-St.	—	—	W	
,,	20	0	—	—	—	—	Sky clear.
,,	24	0	—	—	—	—	Clear.
30	4	0	—	—	—	—	Clear.
,,	8.3	0	—	—	SE	—	
,,	12	0	—	—	S	—	
,,	16	1	Ci.-St.	—	SE	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Clear sky. No aurora.
31	4	0	—	—	—	—	Clear sky. No aurora.
,,	8.2	10	Low St.	SE	—	—	
,,	12	3	Ci.-St.	—	—	S	
,,	16	7	St.	—	—	—	
,,	20	10	—	—	—	—	Thinly overcast; nearly clear in zenith. Moderate drift.
,,	24	10	—	—	—	—	
September, 1911.							
1	8.8	10	Ci.-St.	—	—	W	
,,	12.0	2	Ci.-St.	—	—	NW	
,,	16.29	9	—	—	—	—	Clear. St. to NW.
,,	20	2	Ci.-St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
September, 1911.							
1	24	0	—	—	—	—	Sky clear.
2	4	10	—	—	—	—	Faint haze. Little St.
,,	8.3	10	Ci.-St.	—	—	W	Very fine Ci.-St. layer over whole sky, with heavier Ci.-St. to N. Large single whale-back cloud to right of Erebus. Sunshine ball frosted.
,,	12.20	10	Ci.-St., St.	—	—	W	
,,	16	2	Ci.-St., St.	—	—	W	There is probably a thin haze over whole sky.
,,	20	0	—	—	—	—	
,,	24	3	Ci.-St.	—	—	—	Clear sky. Ci.-St. clouds on NW horizon.
3	4	5	Ci.-Cu.	—	—	—	Ci.-Cu. clouds to W and NW.
,,	8.5	5	Ci.-St.	—	—	Small knob	Probably a thin haze over whole sky.
,,	12	10	—	—	—	None visible	
,,	16	10	—	—	—	—	Fairly thick mist.
,,	20	10	—	—	—	—	Thinly overcast. Mist. 22° lunar halo.
,,	24	10	—	—	—	—	22° lunar halo. No change.
4	4	10	—	—	—	—	22° lunar halo. No change.
,,	8.4	10	—	—	—	—	Thinly overcast. Air misty with very fine snow like flour which sticks to things on windward side.
,,	12	10	—	—	—	—	Misty. Very fine snow falling.
,,	16	10	Ci.-St.	—	—	—	Misty.
,,	20	10	Ci.-St.	—	—	—	22° halo round moon.
,,	24	10	Ci.-St.	—	—	—	22° halo round moon.
5	4	0	—	—	—	—	Clear sky.
,,	8.2	0	—	—	—	W	
,,	12	0	—	—	—	W	A fairly strong N breeze is blowing fog along lower slopes of Erebus.
,,	16	3	Ci., Ci.-St.	—	—	SE	The Ci. clouds are well defined.
,,	20	4	Ci.-St.	SE approx.	—	—	
,,	24	10	Ci.-St.	—	—	—	22° halo.
6	4	10	—	—	—	—	Drift and snow.
,,	7.58	10	—	—	—	—	Moderate drift and snow.
,,	12	7	A.-Cu.	S	—	—	Moderate drift. Sky clearing. Sun faintly shining.
,,	16	10	—	—	—	—	Moderately heavy drift.
,,	20	7	Ci.-St., A.-St.	—	—	—	Moderate low drift.
,,	24	10	A.-St.	—	—	—	No drift.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
September, 1911.							
7	4	9	Ci., St., Ci.-St.	—	—	—	Sky clearing. Regular marked arch of Ci.-St. cloud radiating from N.
,,	8.4	10	A.-Cu., Ci.-St.	—	—	—	Swirl clouds over Erebus. Little surface drift.
,,	12	10	Ci.-St.	—	—	—	Weather clearing.
,,	16	9	A.-St., Ci.-St.	—	—	—	
,,	20	7	Ci.-St., St.	—	—	—	
,,	24	8	Ci., Ci.-St. St.	—	—	—	Clouding over. Slight drift. Weather c.b.s.
8	4	10	Ci., Ci.-St.	—	—	—	2.30 : snow ceased. 4 h. : weather o.c. Aurcole. Stars visible through Ci. and Ci.-St.
,,	8.4	1	St.	—	—	—	Cloud cap on Erebus.
,,	12	1	Low St.	—	—	W	
,,	16	8	A.-Cu., A.-St.	—	—	NW	Little snow dust falling. Mock sun.
,,	20.30	3	A.-St., A.-Cu.	—	—	—	
,,	24	10	—	—	—	—	Completely overcast and moon dim.
9	4	8	—	—	—	—	Clouded, except zenith and N.
,,	8.2	7	Ci.-St., Ci.-Cu.	—	—	S then W	Mackerel sky in S. Erebus smoke goes first to N, then as it gets higher goes away to E. Anemometer glass frosted.
,,	12	8	Ci.-St., Ci.-Cu.	—	—	—	Little fine snow. Mock sun. Misty in the N and E. hiding Erebus.
,,	20	7	Ci.-St.	—	—	—	
10	0.2	7	Ci.-St.	—	—	—	Misty. SE wind.
,,	4.2	5	—	—	—	—	No aurora. Clear.
,,	8.1	6	A.-St., Ci.-St.	—	—	W	Probably haze over whole sky. Swirl clouds running from NW to right of Erebus. Little fine dust snow falling and a little lying on ground.
,,	12	10	—	—	—	—	Fine snow dust falling. Weather dull.
,,	16	10	—	—	—	—	Fine snow dust falling. Weather dull.
,,	20	7	Ci.-St., St.	—	—	—	Sky somewhat hazy.
,,	24	10	Ci.-St.	—	—	—	
11	4	10	Ci.-St.	—	—	—	Sky overcast with thin haze of Ci.-St.
,,	8.1	10	Ci.-St.	—	—	W	
,,	12.9	10	Ci.-St.	—	—	—	
,,	16.2	10	Ci.-St.	—	—	—	Heavily overcast except to SW. Mt. Lister visible ; Erebus not.
,,	20	10	Ci.-St., St.	—	—	—	Seven-tenths of sky heavily overcast, rest has Ci.-St.
,,	24	8	—	—	—	—	
12	4	7	Ci.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1911.							
12	8.1	10	Ci.-St., St.	—	—	—	Erebus obscured.
,,	12	10	A.-Cu., Ci.-St.	—	—	—	Sun faintly apparent.
,,	16.7	10	—	—	—	NW	Drifting slightly. Obscured everywhere except W horizon.
,,	20	10	Ci.-St.	—	—	NW	Very thin layer of Ci.-St. over whole sky; heavier clouds in parts.
,,	24	3	—	—	—	—	Erebus practically obscured, otherwise clear.
13	4	4	—	—	—	—	Sky clear, except to S and W.
,,	8.2	8	A.-St., St. Ci.-St.	—	—	W	
,,	12.1	4	A.-St., St.	—	—	—	Low clouds to SW and cloudy to W and S.
,,	16.4	9	St.	—	—	—	Generally clouded except E.
,,	21	0	—	—	—	—	Sky clear.
,,	24	0	—	—	—	—	Sky clear.
14	4	0	—	—	—	—	Sky clear.
,,	8.4	4	St.	—	—	NW	Heavy bank St. in W. Erebus long banner to SE.
,,	12	0	—	—	—	NW	
,,	16.12	10	—	—	—	—	Overcast except due S. Fog due to ice crystals. Strong halo and three parhelia faintly visible.
,,	20	0	—	—	—	K	Fog over centre of Strait.
,,	24	0	—	—	—	—	Haze on horizon.
15	4	0	—	—	—	—	Clear sky.
,,	8.1	8	Ci.-St.	—	—	Very little	Ci.-St. chiefly to N.
,,	12.2	4	St.	—	—	None	St. to S and W; hazy to N.
,,	16.1	10	St.	—	—	—	Overcast, sun invisible; slightly clearer to S.
,,	20.3	9	St.	—	—	—	Slight haze over all; clearer to W.
,,	24	0	—	—	—	—	
16	4	9	St.	—	—	—	
,,	8	6?	St., Ci.-St.	—	—	NW	Heavy St. to E; slightly hazy overhead; Ci.-St. elsewhere, especially NW. Banner from Erebus, long and very low.
,,	12.8	2?	St.	—	—	—	Sky slightly hazy, but sun strong.
,,	16.30	10	St.	—	—	—	A.-St., except low in NW.
,,	20	5	St.	—	—	Little	Clear zenith; St. around horizon.
17	0.14	—	—	—	—	—	Clear zenith. Low slight drift.
,,	8.3	2	St.	—	—	Obscured	Whale-back clouds near Erebus. Clear except horizon.

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time		Cloud					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1911.							
17	12.1	1	St.	—	—	—	Heavy St. near Erebus. Sunny, bright, and slight thaw on stones.
,,	17	0	—	—	—	Large SW	Clear, powerful sun.
,,	20.30	0	—	—	—	Absent	Clear.
,,	24	0	—	—	—	—	Aurora curtain in zenith. Clear sky from S to NE.
18	4	2	Ci.-St.	—	—	—	Light Ci.-St. in S.
,,	8	7?	St.	—	—	Very low	Light Ci.-St. over most of sky, not much more than haze.
,,	12.1	—	—	—	—	—	Light Ci.-St. over most of sky, not much more than haze.
,,	16	10	Ci., St.	—	—	Very low	Heavy St. to NE ; Ci. above.
,,	20.45	4	Ci., St.	—	—	—	Clear zenith to S ; hazy elsewhere.
,,	24	1	St.	—	—	—	Faint aurora NNE to SSW over zenith. Clear sky. A few low St. over Western Mountains.
19	4	10	Ci.-St.	—	—	—	Completely overcast.
,,	7.59	8	Ci.-St.	—	—	ENE strong	Exceptionally long banner on Erebus reaching to Hutton Cliffs.
,,	12.8	10	Ci.-St.	—	—	Obscured	Fr.-St. over all.
,,	15.57	7	Ci.-St.	—	—	ENE strong	Fr.-St. over most, except NW. No banner on Erebus.
,,	20.15	7	Ci.-St.	—	—	Strong	Ci.-St. over Erebus.
,,	24	3	St.	—	—	—	
20	4	8	St.	—	N	—	2 h. : sky thinly overcast.
,,	8.3	10	St.	—	—	Obscured	Overcast, but foothills visible.
,,	11.57	5 ?	St.,Fr.-St.,Ci.	—	—	—	Zenith and S clear but for very slight haze ; E with dark isolated Fr.-St. ; to N, St.
,,	16.4	8	—	—	—	Obscured	Indigo to S ; bright sun ; drifting a little.
,,	20.57	5	St.	—	—	Obscured	Zenith and NW clear. No drift.
,,	24	9	St.	—	—	Obscured	Clear, except N and S horizons.
21	4	10	—	—	—	—	Completely overcast. No drift.
,,	7.55	8	St.	—	—	Obscured	Heavy St., especially N and SW.
,,	12.14	10	St.	—	—	—	Fr.-St. to NW. St. elsewhere.
,,	16	7	St., Fr -St	—	—	—	
,,	20	10	—	—	—	—	Overcast. Very little drift.
,,	24	10	—	—	—	—	Overcast, except to W.
22	4	7	—	—	—	—	Clear sky. No drift. St. over Erebus.
,,	8.1	2	St.	—	—	Obscured	Clear except St. S and W.
,,	12.3	7	St.	—	—	Obscured	Clear zenith ; Fr.-St. in W. 13 h., beautiful Ci.-St. directly overhead.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1911.							
22	16.1	10?	St.	—	—	Slightly from S	Clear. Sun very warm, but light cirrus haze over.
,,	21.19	2	St.	—	—	None	St. N and SW; rest clear.
,,	24	0	—	—	—	—	
23	4	0	—	—	—	—	
,,	8	0	—	—	—	Low NW	Clear sky.
,,	13.30	1	—	—	—	None	St. to N.W.
,,	16.5	1	—	—	—	Very low	St. to NW.
,,	20.17	1	—	—	—	None	St. to N and W.
24	0.15	0	—	—	—	—	Clear sky.
,,	5.4	2	Ci.-St.	—	—	Very low	Ci.-St. N and W.
,,	8.9	0	—	—	—	Very low	Clear sky.
,,	12.1	1	—	—	—	Very low	Heavy St. to W.
,,	16.1	10	—	—	—	Obscured	Overcast. Barne Glacier obscured. Heavy clouds came up from N about 13 h.
,,	20.26	10	—	—	—	Obscured	Overcast. Flanks of Erebus showing. At 19 h. thick mist obscured Ramp.
25	0.3	8	St.	—	—	Obscured	Up to 23 h. St. (10), now beginning to clear overhead.
,,	4.5	10	St.	—	—	Obscured	Glacier cape clear, otherwise misty and overcast.
,,	8.2	10	—	—	—	Obscured	Overcast and slight snow, but Western Mountains visible.
,,	12.1	10	—	—	—	Obscured	All overcast, but W foothills clear.
,,	16	9	St., Ci.-St., Fr.-St.	—	—	Obscured	Faint parhelion. Ci. overhead; clear to SW; Fr.-St over Erebus; St. N.
,,	20	10	—	—	—	—	Overcast, but Ferrar Glacier visible.
,,	24	10	—	—	—	—	Thick drift.
26	4	6	—	—	—	—	No drift; clearing.
,,	8.4	4	St., Fr.-St.	—	—	Obscured	Low St. and isolated Fr.-St., especially in NE.
,,	12.23	10	—	—	—	—	A little drift.
,,	16.27	10	—	—	—	Obscured	No drift.
,,	19.57	10	—	—	—	—	Overcast; some drift.
,,	24	10	—	—	—	—	Overcast; heavy drift.
27	4	10	—	—	—	—	Overcast; heavy drift.
,,	8.1	10	—	—	—	Obscured	Blizzard. Sunshine ball and frame blown 2 yards. Drift.
,,	12.4	10	—	—	—	—	Drifting strong.
,,	16.2	10	—	—	—	—	Drifting strongly, but breaking sky.

TABLE 62. METEOROLOGICAL JOURNAL.

September—October, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
September, 1911.							
27	19.55	10	—	—	—	—	No drift ; clearing to W.
,,	24	1	St.	—	—	—	No drift.
28	4	10	Ci.-St., St.	—	—	—	No drift. Ci.-St. over sky.
,,	8.1	1	St.	—	—	Very low	Bright sun over S flank of Erebus. Some drift. Isolated St.
,,	12.1	1	—	—	—	S	Clear sky, except low St. No drift.
,,	16.2	0	—	—	—	—	Clear ; no drift ; keen wind. Erebus fumeroles active.
,,	20.1	0	—	—	—	None	Blizzing, heavy drift, but distant peaks visible.
,,	24	1	St.	—	—	—	Light drift. Clear.
29	4	0	—	—	—	SE	Clear.
,,	7.59	0	—	—	—	Low SE	Clear sky.
,,	12	0	—	—	—	Calm	
,,	16	0	—	—	—	WSW	
,,	20	0	—	—	—	Calm	
,,	24	4	St.	—	—	Calm	St. spreading from S.
30	4	10	St.	—	—	—	Thin St.
,,	8.1	10	St.	—	—	—	
,,	12.37	10	St.	—	—	—	St. cloud is broken in places showing clear sky with Ci.-St.
,,	16	10	—	—	—	—	Little snow and drift.
,,	20	10	Ci.-St., A.-St.	—	—	—	Very thinly overcast.
October, 1911.							
1	0.10	10	Ci.-St.	—	—	—	Thinly overcast. Erebus smoke barely visible.
,,	4	10	Ci.-St.	—	—	—	Thinly overcast. Erebus smoke barely visible.
,,	8.1	1	St.	—	—	S	Heavy bank of St. in S.
,,	12	1	Ci.-St., A.-Cu.	—	—	K	
,,	16	9	St.	—	—	—	Heavy layer of clouds has appeared over sky, leaving little clear sky in N.
,,	20	10	—	—	—	—	
,,	24	10	—	—	—	—	Crystals falling.
2	4	10	—	—	—	—	Blizzard.
,,	8.2	10	—	—	—	—	Blizzard, heavy drift ; snowing.
,,	12	10	—	—	—	—	Heavy drift ; snowing.
,,	16	10	—	—	—	—	Heavy drift ; snowing.
,,	20	10	—	—	—	—	Thick drift ; but less than before.

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
2	24	10	—	—	—	—	Thick drift, but less than before.
3	4	10	—	—	—	—	Moderate drift.
,,	8.1	10	—	—	—	—	Moderate drift, probably with snow.
,,	12	10	—	—	—	—	The sky is less heavily overcast and the sun is faintly shining. Moderate drift.
,,	16	8	A.-St., St.	—	—	—	Weather clearing. Little surface drift.
,,	20	10	St.	—	—	—	No drift.
,,	24	10	A.-St., St., Ci.-St.	—	—	—	Slight drift. Heavy at intervals. Sky breaking to S and W.
4	4	10	Ci.-St., St.	—	—	—	No drift. Erebus clearing. Very dark sky to N.
,,	7.59	5	Ci.-St.	—	—	—	There are some ragged clouds to left of Erebus, which has a cloud cap.
,,	12	4	A.-St.	—	—	—	Bank of clouds in SE.
,,	16	10	Ci., Ci.-St.	—	—	—	Sun shining through clouds.
,,	20	8	Ci.-St.	—	—	S	Thin haze over whole sky.
,,	24	5 ?	—	—	—	S	Hazy, except zenith.
5	4.30	10	—	—	—	Obscured	Overcast. Some drift.
,,	8.3	10	A.-St., Ci.-St.	A.-St., N.	—	—	Erebus in cloud.
,,	12	10	—	—	—	—	Little fine snow falling. The clouds are high but fairly thick. There is a heavy St. cloud over Sound.
,,	16	10	—	—	—	—	Little snow falling.
,,	20	10	—	—	—	—	Snowfall is heavier than we have had for some time.
,,	24	10	—	—	—	—	Hazy. N breeze.
6	4	8	—	—	—	—	Sky clearing.
,,	8.3	2	A.-St., Ci.-St.	—	—	W	The A.-St. clouds thin out to form a mackerel sky in NE.
,,	12	6	St., A.-St.	—	—	—	Heavy band of St. over Western Mountains. Little surface drift with N wind.
,,	16	9	St	—	—	—	Clear to NW; heavy St. elsewhere.
,,	20	10	—	—	—	—	Little snow.
,,	24	10	—	—	—	—	Snowing slightly.
7	4	10	—	—	—	—	Snowing slightly.
,,	7.58	8	St., A.-St., A.-Cu.	—	—	W	Few ice crystals falling. Fragments of 22° halo. About ½-inch fresh snow lying on ground. A.-Cu. no motion.
,,	12	2	St.	—	S or SE	W	Sky is clear overhead, except for some thin fog-like clouds moving from a southerly direction. There is heavy cloud on NW horizon.
,,	16	0	—	—	—	W or SW	Moderate surface drift. Clear sky.
,,	20	1	St.	—	—	K	St. on horizon. Little surface drift.
,,	24	2	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
8	4	1	St.	—	—	—	
,,	8.9	4	Ci., Ci.-St.	Ci., SE	—	—	Little surface drift. Mist on top of Erebus.
,,	12	1	St.	—	—	NW	
,,	16	2	Ci.-St., St.	18 h. Ci., ESE	—	NW	At 10 h. Ci. Clouds covered greater part of sky; these were moving slowly from ESE. Erebus smoke at same time from NW. Clear on horizon.
,,	20	7	Ci.-St.	—	—	NW	Ci. radiant. E–W.
,,	24	7	Ci.-St.	—	—	—	Ci. general, most in N and S.
9	4	10	Ci.-St.	—	—	—	Ci.-St. general.
,,	7.58	10	Ci.-St.	—	—	SE	
,,	12	10	—	—	—	—	Little low drift. Weather dull.
,,	16	10	—	—	—	—	Moderate to heavy drift; probably snowing.
,,	20	10	—	—	—	—	Moderate drift; probably little snow.
10	0.39	10	—	—	—	—	Rather less drift.
,,	4.5	10	—	—	—	—	Heavy drift.
,,	8.5	9	St., A.-Cu.	A.-Cu., SSE	—	—	Moderate surface drift.
,,	12	10	—	—	—	—	Weather clearing; little surface drift.
,,	16	10	—	—	—	—	Moderate surface drift.
,,	20	10	—	—	—	—	Little surface drift.
11	0.12	10	—	—	—	—	Sky overcast.
,,	4.3	10	—	—	—	—	Sky overcast.
,,	8.2	10	Ci.-St.	—	—	N	
,,	12	10	Ci.-St.	—	—	NNW	The Ci. clouds are thinner than at 8 h.
,,	16	10	Ci.-St.	—	—	N approx.	Ci. radiant N–S, motion indeterminate. Top of Erebus in mist.
,,	20	10	—	—	—	—	Heavily overcast.
,,	24	10	—	—	—	—	Heavily overcast.
12	4	10	—	—	—	—	Heavily overcast.
,,	8.1	10	—	—	—	—	Fine snow falling.
,,	12	10	—	—	—	—	Fine snow falling. NW breeze.
,,	16	10	—	—	—	Obscured	Erebus obscured. W foothills clear.
,,	20	10	—	—	—	—	Little drift and probably some snow.
,,	24	10	—	—	—	Obscured	Heavy drift.
13	4	9	—	—	—	Obscured	Low drift on sea ice and glacier. Erebus clear.

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
13	8	4	St., A.-Cu.	—	—	—	Top of Erebus in cloud.
,,	12	1	Ci.-St.	—	—	SE	Cloud in SW.
,,	16	2	A.-Cu.	—	—	SW	Bank of A.-Cu. in SE. Erebus smoke appears to be changing direction. At 18 h. 30 m. sky was becoming overcast with A.-Cu. At about the height of Erebus these were moving from the SE, but not very fast. There is heavy dark cloud in SE.
,,	20	8	A.-Cu., St.	A.-Cu., SE	—	—	Upper clouds moving very slowly; lower ones seen against Erebus moving more rapidly.
,,	24	10	A.-Cu.	—	—	—	Erebus clear. Clouds high.
14	4	10	St.	—	—	—	High A.-Cu. gradually passed into thin St.
,,	7.59	10	Ci.-St., St.	—	—	NW	
,,	12	10	A.-St.	—	—	—	
,,	16	10	Ci.-St., A.-St.	Ci.-St., NNW	—	NW	
,,	20	10	Ci.-St., A.-St.	—	—	NW	
,,	24	4	A.-St.	—	—	—	
15	4	4	Ci.-St.	—	—	—	
,,	7.59	10	Ci.-St., St.	E very slowly	—	SE	Erebus smoke at first moves from SE, then turns back towards the S. Ci. radiant SE.
,,	12	6	Ci.-St.	—	—	SE	Part of 22° halo.
,,	16	8	Ci.-St	18 h. Ci. N	—	SE	Motion of Ci.-St. clouds too small to determine. Part of 22° halo. Little surface drift. 18 h. Ci. moving from N. Ci. radiant SE–NW.
,,	20	7	Ci.-St.	NNW	—	SE	Little surface drift.
,,	24	10	—	—	—	—	No drift.
16	4	10	—	—	—	—	Fairly heavily overcast. Erebus obscured. Western Mountains clear under cloud.
,,	7.57	10	—	—	—	—	Western Mountains clear under cloud. Low mist over Sound to S. Little snow falling.
,,	12	10	—	—	—	—	Very little snow falling.
,,	16	10	—	—	—	—	Little snow falling (dust).
,,	20	8	St., A.-Cu.	A.-Cu., N	—	—	Little snow falling (dust). Clouds breaking. Heavy St. merging into A.-Cu.
,,	24	10	Ci., St.	—	N	—	Appears to be drifting in Strait. Blue sky (4) visible, but thin Ci. overhead.
17	4	3	Ci., Ci.-St., St.	N	N	NW	The Western Mountains are visible through a thin mist.
,,	8.1	1	St.	10 h. A.-Cu., SE	—	NW	10 h sky covered with A.-Cu. Lower wind N.
,,	12	10	—	—	—	—	Sky has become overcast.
,,	16	5	A.-St., A.-Cu.	A.-Cu., S 30 E	—	—	The clouds have broken and there are large masses of low A.-Cu. moving from S to E rapidly.
,,	20	8	St., A.-Cu.	A.-Cu., S 40 E	—	—	Clouds moving very much more slowly.
,,	24	10	—	—	—	—	Sky completely overcast.

TABLE 62. METEOROLOGICAL JOURNAL.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
18	4	10	—	—	—	—	Overcast: slight snowfall.
,,	7.58	10	—	—	—	—	Moderate drift; little snow.
,,	12	10	—	—	—	—	Thick drift and fine snow which sticks to everything on windward side.
,,	16	10	Ci.,Ci.-St.,St.	—	—	—	Weather clearing and Ci. clouds can be seen.
,,	20	10	Ci.,Ci.-St.,St.	—	—	—	Weather clearing and Ci. clouds can be seen. Moderate drift.
,,	24	10	St.	—	—	—	Overcast, with snow; drifting very heavily.
19	4	10	Ci.-St., St.	—	—	—	Overcast, with snow. Less drift. Sky breaking.
,,	8.2	10	Ci.-St.	—	—	SE	Ci. radiant SSE. Part of 22° halo. Moderate surface drift.
,,	12	10	Ci.-St.	—	—	—	Much surface drift. Sun shining through thin Ci.-S.
,,	16	10	Ci.-St.	—	—	—	Ci. radiant S. Ci.-St. clouds are very thin and sky is bluish
,,	20	6	Ci.-St.	—	—	—	Few low clouds in NW.
,,	24	10	Ci.-St.	—	—	—	
20	4	10	Ci.-St.	—	—	—	Slightly snowing.
,,	7.59	10	—	—	—	—	Mid-day heavily overcast. Sky clear low on E horizon. Little snow falling.
,,	12	10	—	—	—	—	Little snow falling.
,,	16.15	9	—	—	—	—	Blue sky to S. Heavy rolls of cloud near this. Rest overcast.
,,	20	3	St., A.-Cu.	—	—	—	During afternoon the heavy layer of clouds has moved to N. It had a very well-marked southerly edge, and this can still be seen in NW where it is now about 5° above horizon.
,,	24	3	Ci.-St.	—	—	—	
21	4.2	10	Ci.-St.	—	—	NW	Light clouds visible.
,,	8.1	10	Ci.-St., St.	—	—	W	Heavy bank of clouds in S.
,,	12	10	Ci.-St.	—	—	NW	
,,	16	10	Ci.-St.	—	—	W	
,,	20	10	Ci.-St.	—	—	W	Ci.-St., thin, radiant S.
,,	24	5	Ci.-St.	—	—	NW	Low St. to N. Sunlight showing on top of Erebus.
22	4	4	Ci.-St.	—	—	NW	
,,	8	4	Ci.-St., Cu.	—	—	NW	Fine wave clouds to right of Erebus. Little Cu. in N.W.
,,	12.25	10	Ci.-St., Ci.	—	—	NW	Ci. haze all over; heavier clouds in E.
,,	16.50	10	Ci.-St.	—	—	—	
,,	20	10	St., Ci.-St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
23	0.2	9	—	—	—	Obscured	Overeast, except SW horizon.
,,	4.10	4	Ci.-St., Cu.	—	—	NW	
,,	8.3	2	A.-Cu., St.	—	—	W	St. on horizon and in S.
,,	12.33	9	Ci.-St.	Ci., S 60 E	—	—	Ci. radiant E. Erebus top in cloud.
,,	16	10	—	—	—	—	Fairly heavily overeast with low clouds.
,,	20	10	Ci.-St., A.-St.	—	—	—	Part of 22° halo. At 21 h. 3 m. A.-Cu. from S 60 E.
,,	24	2	—	—	—	—	
24	4	0	—	—	—	—	
,,	7.58	0	—	—	—	W	Little St. in S.
,,	12	0	—	—	—	W	
,,	16	7	A.-Cu.	S 45 E	—	W	
,,	20	7	St., A.-St., Ci.	Ci., N 30 W	—	NW	
,,	24	10	Ci.-St.	—	—	—	Slightly snowing.
25	4	0	—	—	—	—	
,,	8.18	2	St.	—	—	NW	St. in S and on horizon. Little surfaee drift.
,,	12	5	Ci.	N 65 W	—	—	Clouds over Erebus.
,,	16	7	A.-Cu.	N 60 W	—	—	
,,	20	5	Ci.-St., A.-St., Cu.	—	—	NW	A.-St. seattered over Zenith. Good Cu. to N.
,,	24	7	St.	—	—	—	
26	4	10	—	—	—	—	Snow falling.
,,	7.58	7	A.-Cu., St.	—	—	NW low	Seattered A.-Cu. over sky. Heavy St. to SW.
,,	12.45	—	—	—	—	—	Seattered Ci.-Cu. all over sky.
,,	16.21	10	Ci.-St.	—	—	NW	Ci.-St. and Cu. Low drift. Wind SE.
,,	20	2	St., A.-Cu.	—	—	NW	Little surfaee drift.
27	0.2	10	—	—	—	—	Overeast.
,,	8.10	8	Ci.-St., A.-Cu.	—	—	—	Skua gull seen at 8 h 40 m.
,,	12	7	A.-St., A.-Cu.	A.-Cu., S 30 E	—	NW	
,,	16	10	A.-St.	—	—	—	
,,	20	4	A.-St., A.-Cu.	—	—	—	A.-Cu. no motion.
,,	24	7	A.-Cu.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

October—November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1911.							
28	4	10	—	—	—	—	Heavily overcast.
,,	8.2	10	—	—	—	—	Fairly heavily overcast.
,,	12	10	—	—	—	—	
,,	16	10	A.-St.	—	—	—	Overcast.
,,	20	3	A.-St., A.-Cu.	—	—	—	
29	0.3	1	St.	—	—	NW	St. to SE.
,,	4	0	—	—	—	low	
,,	7.58	0	—	—	—	W	Little St. in S and E.
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	W	
,,	20	0	—	—	—	SW	Little St. over Western Mountains.
,,	24	0	—	—	—	—	St. over Western Mountains.
30	4	1	St.	—	—	—	St. over Western Mountains increased.
,,	7.56	2	St., Cu.	10.30 A.-St., S 10 E	—	SE	Heavy Cu. clouds over Barrier to E and heavy St. to S.
,,	12	5	A.-St., A.-Cu.	A.-St., S 40 E	—	—	
,,	16	10	—	—	—	—	Moderate snow and drift.
,,	20	10	—	—	—	—	Heavy snow and drift.
,,	24	10	—	—	—	—	Heavy snow and drift.
31	4	10	—	—	—	—	Heavy snow and drift, but less than previously.
,,	7.58	10	A.-St.	S 45 E rapid	—	—	Moderate low drift. Weather clearing.
,,	12.18	10	—	—	—	—	A little drift. Sun visible. Overcast.
,,	16	1	St.	—	—	SE	St. on horizon.
,,	20	1	St.	—	—	SW	
,,	24	1	St.	—	—	—	
November, 1911.							
1	4	1	St.	—	—	—	
,,	8.5	0	—	—	—	S	
,,	12	4	A.-Cu.	—	—	S	
,,	16	8	Ci.-Cu., A.-Cu.	Ci.-Cu., N 10 E	—	W	
,,	20	10	—	—	—	—	Moderate snow and drift.
,,	24	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
November, 1911.							
2	4	10	—	—	—	—	Drifting.
,,	8	10	Ci.-St.	—	—	N	22° halo. Practically no drift.
,,	12	10	Ci.-St.	—	—	E	
,,	16	10	Ci.-St.	—	—	SE	
,,	20	7	Ci.-St.	—	—	SE	
,,	24	10	C.-St.	—	—	K	Ci. radiant NNW.
3	4	10	Ci.-St.	—	—	—	
,,	8.6	3	Ci.-St.	—	—	SW	
,,	12	10	Ci.-St.	—	—	—	
,,	16.4	10	Ci.-St.	—	—	W or NW	Ci. and haze over all.
,,	20	7	Ci.-St.	—	—	W or NW	Ci. radiant NW.
4	0.2	9	Ci.-St.	—	—	WNW	Haze of Ci. except to NW where clear.
,,	8.5	10	Ci.-St.	—	—	NW	Ci. radiant WNW. Whale-back clouds to right of Erebus. 22° halo. Much mirage.
,,	12	8	Ci., Ci.-St.	—	—	NW	22° halo.
,,	16	9	Ci.-St.	—	—	W	Ci. radiant WNW. 22° halo.
,,	20	10	A.-Cu.	—	—	W	
,,	24	10	A.-Cu.	—	—	—	
5	4	10	Ci.-St.	—	—	—	
,,	8.11	10	Ci.-St.	Ci. N.	—	W	Ci. radiant NNW.
,,	12	6	Ci., Ci.-St.	Ci. N 20 W	—	W	
,,	16	6	Ci., Ci.-St.	Ci. N 10 W	—	W	
,,	20	7	Ci., A.-Cu.	A.-Cu., N 35 W slow	—	—	Fairly heavy Cu. clouds, just touching top of Erebus, have spread over sky.
,,	24	2	Ci.-St..	—	—	—	
6	4	3	St.	—	—	W	
,,	8.5	9	St., Cu.	—	Fr.-S, S 50 E	—	Heavy bank of Cu. over Barrier to E. Little surface drift.
,,	12	6	Fr.-St.	—	S 60 E	NW or W	
,,	16	9	St.	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
November, 1911.							
7	4	8	Fr.-St.	—	—	SE	
,,	8.6	9	St., A.-Cu.	A.-Cu., S 70 E	—	—	Heavy St. in S, thinning to A.-Cu. overhead.
,,	12	9	St.	—	—	—	
,,	16	10	—	—	—	—	Moderate snow and drift.
,,	20	10	—	—	—	—	Little snow and drift.
,,	24	10	—	—	—	—	
8	4	9	St.	—	—	—	
,,	8.4	10	Ci.-St., A.-St.	Ci.-St. N 60 E	—	NE	Thin cloud cap on Erebus.
,,	12	10	Ci.-St., A.-St.	Ci.-St. S 60 E	—	—	
,,	16	10	Ci.-St.	—	—	E	
,,	20	10	Ci.-St.	—	—	SE	Ci. radiant NE.
,,	24	1	—	—	—	—	
9	4	5	Ci.-St.	—	—	SE	
,,	8.6	5	Ci.-St., Ci-Cu.	Ci., N	—	E or SE	
,,	12	8	Ci.-St., A.-St.	A.-St., N	—	N	Mist on top of Erebus.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Little fine snow falling and which is melting on roof.
,,	24	6	Ci.	—	—	—	
10	4	10	—	—	—	—	Fairly heavily overcast, and darker clouds to S.
,,	7.58	10	St., A.-Cu.	—	A.-Cu., N 20 E	—	Little snow and drift.
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	Little snow.
,,	20	8	St., A.-Cu.	—	A.-Cu., no motion	—	The St. clouds thin out to A.-Cu. which appear to be stationary.
,,	23.45	6	St., A.-Cu.	—	—	—	
11	4	7	St., A.-Cu.	—	—	—	
,,	8.5	9	St., A.-Cu.	—	A.-Cu., N 20 E	N	
,,	12	9	St., A.-Cu.	—	A.-Cu., N 30 E	—	
,,	16	9	St., A.-Cu.	—	—	—	
,,	20	9	St., A.-Cu.	—	A.-Cu., no motion	—	
,,	24	7	St., A.-Cu.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
November 1911.							
12	4	8	St., A.-Cu.	—	—	—	Erebus and Western Mountains obscured.
,,	8.6	9	St., A.-Cu., Ci.-St.	—	A.-Cu., E	—	Heavy St. in S.
,,	12	9	St., A.-Cu.	—	—	W	
,,	16.30	10	St., A.-Cu.	—	—	—	Slightly snowing.
,,	20	8	St.	—	—	—	Little snow. Heavy St. clouds.
,,	23.50	6	St., A.-Cu.	—	—	—	Clear overhead, with A.-Cu. Snowing briskly.
13	4	7	St., A.-Cu.	—	—	W	Very little snow and some surface drift.
,,	8.6	7	St., A.-Cu.	—	A.-Cu., S 45 E	—	
,,	12	10	—	—	—	—	Very little snow.
,,	16	10	—	—	—	—	Little snow.
,,	20	9	Ci., A.-St., A.-Cu., St.	—	A.-Cu., N	—	Ci. radiant N.
,,	24	7	Ci., A.-Cu., St.	—	—	—	
14	4	10	A.-St.	—	—	—	
,,	8.7	10	A.-St., A.-Cu., St.	—	A.-Cu., N 40 E	—	Little drift.
,,	12	8	St., A.-Cu.	—	A.-Cu., N 25 E	—	Weather looks thick over Sound.
,,	16	8	Ci.-St., A.-St.	Ci., N 15 E	—	N	Ci. radiant NNW.
,,	20	10	Ci.-St., A.-St., A.-Cu.	—	A.-Cu., N 10 E	—	
15	4	8	Ci.-St., A.-St., A.-Cu.	—	—	—	
,,	8.7	9	A.-St., A.-Cu.	—	A.-Cu., N 10 E	—	
,,	11	8	A.-St., A.-Cu.	—	A.-Cu., N 10 E	—	
,,	16	10	—	—	—	—	Fairly heavily overcast.
,,	20	10	—	—	—	—	
,,	23.55	10	—	—	—	—	
16	4	10	—	—	—	—	
,,	8.5	10	—	—	—	—	Little snow.
,,	12	10	—	—	—	—	Little snow and drift.
,,	16	10	—	—	—	—	
,,	20	8	St.	—	—	—	Sky clear over Western Mountains.
,,	23.58	0	—	—	—	—	Sky clear except low line of St. in N and very slight Ci. in S.
17	4	0	—	—	—	W	
,,	8	0	—	—	—	W	Little St. on S horizon.

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
November, 1911.							
17	12	0	—	—	—	W	
,,	16	2	A.-St., Cu.	—	—	W	Cu. clouds over Barne Glacier.
,,	20	0	—	—	—	—	Little St. cloud over Western Mountains. Fr.-Cu. over Barne Glacier.
,,	24	0	—	—	—	W	Little St. Cloud over Western Mountains. Fr.-Cu. over Barne Glacier.
18	4	0	—	—	—	W	
,,	8.7	0	—	—	—	W	
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	W	
,,	20	0	—	—	—	W	
,,	24	0	—	—	—	W	
19	4	0	—	—	—	W	
,,	8.33	0	—	—	—	W	Thin streaks of St. on S and E horizon.
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	W	
,,	20	0	—	—	—	SW	
,,	23.9	0	—	—	—	—	
20	4	0	—	—	—	SW	
,,	8.7	0	—	—	—	W	
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	SW	
,,	20	0	—	—	—	K.	
,,	24	0	—	—	—	—	
21	7.58	8	Ci.-St.	Ci., N 75 W rapid	—	—	Ci. radiant W. Part of 22° halo. Cloud cap on Erebus.
,,	12	8	Ci.-St.	—	—	—	Ci. radiant WNW.
,,	16	9	A.-St., A.-Cu.	A.-Cu., N 60 W rapid	—	—	Erebus top just in clouds.
,,	20	7	A.-St., A.-Cu.	A.-Cu., N 60 W	—	—	The clouds are higher and lighter.
22	4	1	Ci.	—	—	—	
,,	8	5	Ci.-Cu., A.-Cu., St.	—	High A.-Cu., S 70 E	W	Heavy clouds in S.
,,	20	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
November, 1911.							
23	4	8	A.-St., Ci.-St.	—	—	—	
,,	8.6	4	A.-St., A.-Cu.	—	—	NW	
,,	12	7	A.-St., A.-Cu.	—	—	NW	A.-Cu., practically no motion.
,,	16	8	A.-St., A.-Cu.	—	—	—	A.-Cu., practically no motion.
,,	20	2	A.-St., A.-Cu.	—	—	NW	
,,	24	1	A.-St.	—	—	NW	
24	8	1	Cu.	—	—	NW	Cu. clouds over Bluff and in NW.
,,	12	2	C.-St., A. Cu. Cu.	—	—	W	
,,	16	4	Cu., Ci.	—	—	NW	
,,	20	0	—	—	—	NW	Little A.-Cu. and Ci.
,,	23	4	A.-Cu.	—	—	—	Top of Erebus in cloud.
25	7.57	1	St.	—	—	—	St. Clouds in E. Erebus smoke first ascends vertically, then spreads out in a fan to E.
,,	12	1	Ci.	—	—	S	Ci. in E.
,,	16	0	—	—	—	S	
,,	20	0	—	—	—	K	
26	4	0	—	—	—	K	
,,	8.4	1	St.	—	—	K	Low St. in SE. Saw a little free water on edges of ponds.
,,	12	0	—	—	—	S	
,,	16	8	A.-St.	—	A.-St., S	—	Top of Erebus in cloud.
,,	20	10	—	—	—	—	Pairly heavily overcast.
,,	24	10	—	—	—	—	
27	8	4	Ci.-St., A.-St.	—	—	—	Top of Erebus in cloud.
,,	12	2	Ci.-St., A.-St.	—	—	—	Clouds on S horizon. Erebus has cloud cloak.
,,	16	2	A.-Cu., St.	—	—	K	
,,	20	8	A.-Cu., Nb.	—	A.-Cu., W.	—	Very black squall Nb. in NW. Top of Erebus in cloud.
28	4	1	St., A.-Cu.	—	—	W	Dark St. in NW.
,,	8.7	8	A.-Cu., St., Fr.-St.	—	A.-Cu., N 10 W	—	Erebus in cloud. Dark clouds in NW.
,,	12	10	St., Cu.	—	—	—	Sky fairly heavily overcast with St., under which there are Cu. clouds amongst the Western Mountains and in N.W. Very little fine snow.
,,	20	8	A.-St., A.-Cu., Nb. Cu.	—	—	W	A.-Cu. moving from N 10 W very slowly. Thick weather in W, Cu. in NW.
,,	24	5	Ci.-St.	—	—	W	

TABLE 62. METEOROLOGICAL JOURNAL.

November—December, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
November, 1911.							
29	8.6	3	Ci.	—	—	NW	Ci. in all parts of sky. Little Cu. in NW.
,,	12	2	Ci.-St.	—	—	NW	
,,	16	7	A.-St., Cu., Ci.-St.	Ci.-St., N 50 W very slowly	—	—	During afternoon sky became covered with Ci., which gradually became thicker. There were fine iridescent clouds at 15 h. All the mountains have heavy Cu. over them.
,,	20	9	A.-St., Cu.	—	—	—	A.-St. moving from N 50 W very slowly. Cu. over mountains and in NW.
30	4	10	Ci.-St.	—	—	NW	
,,	8.5	7	Ci.-St.	No motion	—	W	Mist clouds over Erebus.
,,	12	9	Ci.-St.	—	—	—	Little snow in feathery flakes.
,,	16	9	St.	—	—	—	Little snow falling. Sky clear in S.
,,	20.30	10	—	—	—	—	Fairly heavy snow in feather flakes.
,,	24	10	—	—	—	—	Fairly heavy snow in feather flakes.
December, 1911.							
1	8.5	10	—	—	—	—	Little snow in flakes of few large crystals (branched stars).
,,	12	10	—	—	—	—	Few flakes of snow. Weather clearing.
,,	16	10	—	—	—	—	One or two patches of blue sky. To-day snow has melted on dark objects even when out of the sun.
,,	20	9	A.-Cu., Fr.-St.	—	—	—	There is a lot of open water round the edges of the ponds. A.-Cu. from N 20 W very slowly.
,,	24	10	—	—	—	—	
2	4	10	—	—	—	—	Sky heavily overcast.
,,	8.2	9	A.-Cu., St., Cu.	—	A.-Cu., W.	—	Cu. over mountains.
,,	12	2	Fr.-Cu.	—	—	—	
,,	16	0	Cu.	—	—	W	Little Cu. in N.W.
,,	20	1	St.-Cu.	—	—	SW	Clouds on horizon.
,,	24	2	Ci.-St., A.-St.	—	—	SW	
3	4	10	—	—	—	—	Overcast.
,,	8.6	10	A.-St.	—	—	—	
,,	12	10	A.-St.	—	—	—	Sky thinly overcast; sun visible.
,,	16	10	A.-St., Ci.-St.	—	—	—	
,,	20	10	A.-St., Ci.-St.	Ci., S 30 E	—	—	
,,	24	1	A.-St.	—	—	—	Cloud cap on Erebus.
4	4	3	Ci.	—	—	—	St. over Western Mountains.
,,	8.7	8	A.-St., A.-Cu.	—	A.-Cu., S 30 E	—	

TABLE 62. METEOROLOGICAL JOURNAL.

December, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10)	Kind.	Upper.	Lower	Erebus Smoke.	
December, 1911.							
4	12	10	—	—	—	10 h., S	Moderate fall of snow in small flakes.
,,	16	10	A.-St.	—	—	—	Thinly overcast.
,,	20	3	A.-Cu., Ci.-St.	—	—	—	Weather clearing.
,,	24	1	Ci.-St.	—	—	—	
5	8.5	7	A.-Cu.	—	N 70 E	—	A.-Cu. radiant SW.
,,	12	8	A.-St., Ci.-St.	—	—	—	A.-St. from N 60 E very rapid.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	Moderate snowfall in small flakes of stars.
,,	24	10	—	—	—	—	Blizzard, with heavy drift.
6	4	10	—	—	—	—	Blizzard, with heavy drift.
,,	8.12	10	—	—	—	—	Heavy drift and snow.
,,	12	10	—	—	—	—	Less drift and snow, but still heavy.
,,	16	10	—	—	—	—	Snow heavier, but less drift.
,,	20	10	—	—	—	—	No drift, but heavy fall of snow in large flakes of stars.
,,	24	10	—	—	—	—	Snowfall decreasing.
7	8.7	10	—	—	—	—	Thick drift and probably some snow. Heaviest fall of snow since our arrival; between 18 and 24 inches lying.
,,	12	9	—	—	—	—	Sky is clearing in N.
,,	16	2	St., Fr.-St.	—	—	—	Fine bright weather but very deep (18 to 20 inches) snow lying.
,,	20	5	A.-Cu.	—	—	K	
,,	24	8	A.-Cu., St.	—	—	—	
8	4	9	A.-St. Ci.-St.	—	—	—	Little fine snow falling.
,,	8.6	1	St.	—	—	NW	Heavy bank of St. in SE.
,,	12	0	—	—	—	NW	
,,	16	0	—	—	—	NW	Little surface drift.
,,	20	0	—	—	—	NW	Heavy surface drift.
,,	24	1	—	—	—	—	Heavy surface drift.
9	4	4	Ci.-St.	—	—	W	Heavy surface drift.
,,	8.5	8	Ci.-St.	N 30 W	—	W	Whale-back clouds to right of Erebus. Heavy surface drift, but less than before.
,,	12	10	A.-St.	—	—	—	Part of 22° halo.
,,	16	2	Ci.-St.	S 50 E	—	—	
,,	20	0	—	—	—	—	No smoke visible on Erebus.

TABLE 62. METEOROLOGICAL JOURNAL

December, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
December, 1911.							
9	24	0	—	—	—	Invisible	
10	4	1	Ci.-St.	—	—	—	
,,	8.6	0	—	—	—	K	Little Ci.-St. in NW.
,,	12	0	—	—	—	K	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	Invisible	
,,	24	0	—	—	—	Invisible	
11	4	0	—	—	—	Invisible	
,,	8.3	0	—	—	—	K	
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	K	
,,	20	0	—	—	—	None visible	
,,	24	0	—	—	—	—	
12	4	8	A.-Cu., St.	—	—	K	Heavy clouds extending from S.
,,	8.6	7	A.-St. A.-Cu.	—	A.-Cu., S 20 E	—	Little surface drift.
,,	12	8	Ci.-St., A.-St., A.-Cu.	—	A.-Cu., S 20 E	—	Little surface drift.
,,	16	9	A.-St., A.-Cu.	—	A.-Cu., S 20 E	—	Little surface drift.
,,	20	9	A.-St., A.-Cu.	—	S 20 E	—	
13	0.50	6	Ci., A.-St.	—	—	—	
,,	4	8	Ci., A.-St., A.-Cu.	—	—	—	
,,	8.8	7	Ci.-St.	S 50 E	—	—	Cloud cloak on Erebus. Little surface drift. Faint corona round sun showing pink, blue, pink. Outside pink approximately 10° from sun. No halo.
,,	12	8	Ci.-St., A.-St., St.	—	A.-St., S 20 E	—	Erebus in cloud. Little surface drift.
,,	16	7	Ci., A.-St., St.	—	A.-St., S 10 E	—	Moderate surface drift.
,,	20	3	St., A.-St.	—	—	—	Moderate surface drift. Sky clearing, but there are heavy St. clouds to W and NW.
,,	24	10	A.-St., St.	—	—	—	Moderate surface drift. Heavy St. to SW.
14	4	9	A.-St., St.	—	—	—	Clouds are heavier.
,,	8.6	10	A.-St., A.-Cu., St.	—	—	—	Clear on S horizon.
,,	12	5	Ci.-Cu., A.-St., St.	Ci.-Cu., S 70 E	—	—	
,,	16	8	A.-St., Fr.-St.	—	A.-St., S 20 E	—	
,,	20	8	A.-St., St.	—	A.-St., S 20 E	—	

TABLE 62. METEOROLOGICAL JOURNAL.

December, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
December, 1911.							
15	4	9	A.-Cu., St.	—	—	—	
,,	8.6	10	A.-St., Cu.	—	—	—	Heavy clouds in S and W. Little snow falling (grains).
,,	12	10	A.-St.	—	—	—	Moderately heavy snowfall since 10 h. in half melted flakes. Thick weather.
,,	16	8	A.-St., St.	—	—	—	Snow ceased at 15 h.
,,	20	2	A.-St., St.	—	—	—	Cloud cloak remaining on Erebus.
,,	24	9	Ci.-Cu., A.-Cu.	—	—	—	
16	4	5	Ci.-St., A.-St.	—	—	—	
,,	8.7	9	St.	—	—	—	Heavy St. clouds. Little surface drift.
,,	12	9	St.	—	—	—	
,,	16	1	Fr.-St.	—	—	—	Moderately heavy surface drift.
,,	20	1	St.	—	—	K	
,,	24	0	—	—	—	—	
17	4	0	—	—	—	S	Little St. in N.
,,	8.10	1	St.	—	—	W	
,,	12	8	Cu.-St.	—	—	NW and W	Lower part of Erebus smoke from NW, upper from W.
,,	16	8	Fr.-Cu.	—	—	NW	
,,	20	10	Cu.-St.	—	—	—	
,,	24	0	St.	—	—	—	
18	8.9	9	St., A.-Cu., Cu.	—	A.-Cu., S 80 W	—	Well-formed heavy Cu. in NW.
,,	12	8	A.-Cu., Cu.	—	—	—	
,,	16	8	A.-St., Cu.	—	—	NW	Little fine snow falling.
,,	20	5	A.-Cu.	—	A.-Cu. No motion	—	
,,	24	0	—	—	—	—	Whale-back clouds S of Erebus.
19	8	8	St.	—	—	—	Sky clear in W, otherwise heavily overcast. Little snow falling.
,,	12	8	A.-St., A.-Cu., Cu.	—	—	—	
,,	16	5	St., A.-Cu., Ci.	Ci., N 20 W	—	—	
,,	20	2	St., Cu.	—	—	NW	
,,	24	1	Cu.	—	—	—	Low Cu. to N and W.
20	4	1	Ci.-St., Cu.	—	—	W	
,,	8.2	8	A.-St., A.-Cu.	—	A.-Cu., N 10 W	—	
,,	12	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

DECEMBER, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
DECEMBER, 1911.							
20	16.25	10	—	—	—	—	Heavily overcast. Few small flakes of snow.
,,	20	10	—	—	—	—	Heavily overcast.
,,	24	10	—	—	—	—	
21	4	10	—	—	—	—	
,,	8	10	A.-St.	—	—	—	Little surface drift.
,,	12	10	Ci.-St.	—	—	—	Little surface drift.
,,	16	8	A.-St. Ci.-St.	N 30 E	—	W	Little surface drift.
,,	20	5	Ci.-St.	—	—	W	Little surface drift.
,,	24	5	Ci.	—	—	SW	Ci. radiant ENE. Little surface drift.
22	8.5	7	A.-Cu., Cu.	—	A.-Cu., No motion	—	Fog over W and S of Sound. Much mirage in NW. Heavy clouds over Erebus and in N.
,,	12	8	A.-Cu., St.	—	A.-Cu., No motion	—	Heavy St. in NW, thinning out to A.-Cu. in zenith and W.
,,	17	1	St.	—	—	W	
,,	20	1	St.	—	—	W	
,,	23.50	1	—	—	—	—	
23	7.55	7	St., A.-Cu.	—	A.-Cu., N 35 W	—	
,,	12	0	—	—	—	NW	Erebus smoke trails off into well-marked Ci. cloud.
,,	16	1	Ci.-St.	—	—	NW	
,,	20	3	Ci.	N 10 E	—	NW	Ci. radiant N.
,,	24	4	Ci.-St.	—	—	—	
24	4	5	Ci.-St.	—	—	N	
,,	8.5	1	St.	—	—	NE	Erebus smoke goes overhead.
,,	11.45	0	—	—	—	NE	
,,	16	0	—	—	—	NE	
,,	20	0	—	—	—	E	
,,	24	0	—	—	—	E	
25	4	0	—	—	—	NE	
,,	8.7	0	—	—	—	E	
,,	12	0	—	—	—	E	
,,	20.30	8	Ci.	—	—	E	Ci. radiant, NNW.
,,	24	10	Ci.	—	—	E	
26	4	10	Ci.-St.	N	—	N	

TABLE 62. METEOROLOGICAL JOURNAL.

December, 1911.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
December, 1911.							
26	8.5	7	Ci.	—	—	N	Ci. radiant, N.
,,	12	9	Ci.	N 10 E	—	N	Ci. radiant, N.
,,	16	10	Ci.-St.	—	—	N	Ci. radiant, N.
,,	20	3	Ci.	—	—	N	Ci. radiant, N.
27	4	8	Ci.	—	—	N	Ci. radiant, N.
,,	8.5	9	Ci.	N 5 E	—	N	Ci. radiant, N. 22° halo.
,,	12	10	Ci.-St.	—	—	N	
,,	20	7	Ci.	N	—	N	Ci. radiant, NNE.
28	4	10	Fog	—	—	—	
,,	8.6	10	Fog	—	—	—	Ramp just visible.
,,	12	8	Fog, Ci.-St.	—	—	—	
,,	16	10	—	—	—	—	Overcast and light fog.
,,	20	8	A.-Cu.	—	S	—	Sky clearing of fog.
29	4	9	St., A.-Cu.	—	—	—	
,,	8.5	10	—	—	—	—	Much mirage. Top of Erebus just in cloud.
,,	12	8	A.-Cu., St.	—	A.-Cu., S 60 W	—	
,,	20	7	A.-St., Ci.	Ci., N 80 E	—	E	
30	4	10	—	—	—	—	
,,	8.5	10	—	—	—	—	Moderate snow (decayed crystals).
,,	12	10	—	—	—	—	Moderate snow and drift.
,,	16	10	—	—	—	—	Moderate snow and drift.
,,	20	10	—	—	—	—	Little snow : moderate drift.
31	4	8	A.-St.	—	—	—	Sky clearing. Heavy surface drift.
,,	8.5	9	A.-St., A.-Cu.	—	A.-Cu., S 60 E	—	Moderate surface drift.
,,	12	8	A.-Cu.	—	S 50 E	—	
,,	16	9	A.-Cu.	—	S 40 E	—	
,,	20	10	A.-St., St.	—	—	—	
,,	24	6	Ci.-Cu., A.-St., St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

January, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
January, 1912.							
1	4	10	—	—	—	—	Few flakes of fine snow.
,,	8.4	8	A.-Cu., St.	—	A.-Cu., S 80 W	—	
,,	12	9	A.-Cu.	—	N 80 W	—	
,,	16	1	St., Ci.-St.	—	—	—	
,,	20	3	Ci.-St.	—	—	K	Ci. radiant E.
2	4	2	St.	—	—	K	Bank of fog over middle of Sound. Air full of ice crystals.
,,	8.5	2	Fr.-Cu.	—	—	S	Bank of fog over middle of Sound.
,,	12	1	Fr.-Cu.	—	—	S	
,,	16	7	St.	—	—	—	Few flakes of snow.
,,	20	10	—	—	—	—	Few flakes of snow. Heavy dark water sky in NW.
3	4	10	—	—	—	—	Moderate snow in flakes of stars.
,,	8.7	10	St.	—	N 30 W rapid	—	Little snow.
,,	12	9	St.	—	N 20 W	SE	Few flakes of snow.
,,	16	9	St.	—	—	—	
,,	20	9	Fr.-St	—	—	—	
4	4	5	Fr.-St.	—	—	—	
,,	8.5	8	Fr.-St.	—	N 30 W		
,,	12	9	Fr.-St., St.	—	—		
,,	16	10	—	—	—	—	
,,	20	8	Fr.-St.	—	—	—	
5	4	2	A.-Cu., St.	—	—	K	
,,	8.5	1	St.	—		K	
,,	12	3	Ci., Ci.-St.	—	—	W	
,,	16	7	Cu., Fr.-St.	—	—	—	
,,	20	7	St , Ci.	N 80 W	—	—	Ci. radiant W by N.
,,	24	0	—	—		—	
6	4	0	—	—	—	None visible	Little St. cloud on horizon.
,,	8.6	3	Fr.-St.	—	St. (high), N 50 W rapid	None visible	
,,	12	6	Fr.-Cu.	—	N 30 W	—	
,,	16	3	Ci.-St., Fr.-Cu.	—	Fr.-Cu., N 30 W	—	

TABLE 62. METEOROLOGICAL JOURNAL.

January, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
January, 1912.							
6	20	1	Ci.	—	—	None visible	23 h.: Fairly thick fog, with white bow, too faint to measure.
7	4	0	—	—	—	None visible	Little St. on horizon.
,,	8.5	0	—	—	—	K	Mist with fog over Sound to S.
,,	12	0	—	—	—	—	Between 12 h. and 12.30 a cloud of ice crystals travelling with wind gave parhelion.
,,	16	0	—	—	—	—	Little Ci. in NW.
,,	20	5	Fr.-St.	—	N 30 W	K	
,,	24	9	Cu.-St.	—	—	K	
8	8.6	1	St.	—	—	K	
,,	12	—	—	—	—	K	
,,	16	9	St.	—	—	—	
,,	20	10	—	—	—	—	
9	4	2	St.	—	—	—	
,,	8.7	7	A.-St., A.-Cu.	—	A.-Cu., no motion	W	
,,	12	7	A.-Cu.	—	no motion	W	Iridescent colours and parts of corona.
,,	16	1	St.	—	—	W	
,,	20	2	Ci.-St., A.-St.	—	—	SW	
10	4	9	St.	—	—	W	Clouds are very heavy and dark.
,,	8.6	10	—	—	—	—	Moderate snow in small flakes.
,,	12	10	—	—	—	—	
,,	16	5	Fr.-St.	—	N 20 W	—	
,,	20	8	Cu.-St.	—	N 20 W	—	
,,	24	10	—	—	—	—	Few flakes of snow. Clear over W horizon.
11	8.4	4	St., A.-Cu.	—	A.-Cu., N 50 W	—	
,,	12	5	A.-Cu., St.	—	A.Cu., N 50 W	—	
,,	16	7	A.-Cu., St.	—	—	—	Clouds became heavy during the afternoon. As the A.-Cu. formed and became thicker they showed iridescent colours, some patches of which went 20° away from sun.
,,	20	9	St.	—	—	—	
12	4	1	Fr.-St.	—	—	None visible	
,,	8.5	1	St.	—	—	K	
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	K	
,,	20	0	—	—	—	K	

TABLE 62. METEOROLOGICAL JOURNAL.

January, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
January, 1912.							
13	4	1	Ci.	—	—	K	
,,	8.4	0	—	—	—	S	
,,	12	0	—	—	—	S	
,,	16	8	Cu., A.-Cu.	—	A.-Cu., N 40 W	—	
,,	20	10	—	—	—	—	Little snow in small flakes.
,,	24	10	—	—	—	—	
14	4	10	—	—	—	—	
,,	8.4	10	—	—	—	—	
,,	12	10	—	—	—	—	
,,	16	9	Cu.-St.	—	N	—	
,,	20	10	Cu.-St.	—	N 20 W	—	Moderately heavy snow commenced at 21 h.
,,	24	10	—	—	—	—	Snowing.
15	4	9	St.	—	—	—	Western Mountains clear. About 1 inch snow lying.
,,	8.6	9	Cu.-St.	—	—	—	
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	Few flakes of snow.
,,	20	10	—	—	—	—	
16	1.5	10	—	—	—	—	
,,	4	9	Cu.-St.	—	—	—	
,,	8.4	10	Cu.-St.	—	—	—	Few flakes of snow.
,,	12	5	A.-Cu., Ci.-St.	Ci.-St., N 50 W	A.-Cu., S 60 E	—	Sky clearing. Lower clouds becoming A.-Cu., and Ci.-St. showing above.
,,	16	3	—	—	—	—	White clouds in S and E.
,,	20	0	—	—	—	None visible	Cu. over Western Mountains.
17	1.20	1	Ci.-St.	—	—	None visible	Fog over Sound.
,,	8.5	1	Ci.	—	—	S	Fog over middle of Sound.
,,	12	2	Ci.	—	—	—	Ci. radiant WNW.
,,	16	3	Ci.	N 40 E	—	S	Ci. radiant WNW.
,,	20	8	A.-Cu., Cu.-St.	—	Cu.-St., N 40 W	—	Ship seen miraged inverted with upright image above.
18	4	10	—	—	—	—	Misty.
,,	8.5	10	—	—	—	—	Snow (like flour) and drift.
,,	12	10	—	—	—	—	Thick weather ; little snow drift.

TABLE 62. METEOROLOGICAL JOURNAL.

January, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
January, 1912.							
18	16	10	—	—	—	—	Weather clearing.
,,	20	10	—	—	—	—	
19	4	10	—	—	—	—	Moderate snow (stars).
,,	8.4	10	—	—	—	—	Moderate snow (branched stars).
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	Few flakes of snow.
,,	20	9	Cu.-St.	—	—	—	
20	4	9	Cu.-St.	—	—	—	
,,	8.7	4	Cu., Fr.-Cu.	—	—	K	Few flakes of snow.
,,	12	7	St., Fr.-St.	—	—	—	Few flakes of snow.
,,	16	3	A.-Cu., Fr.-Cu.	—	A.-Cu., E	K	
,,	20	8	A.-Cu., Cu.-St.	—	A.-Cu., no motion	—	
21	4	0	—	—	—	None visible	
,,	8.6	5	Fr.-St.	—	N 20 W	K	
,,	12	0	—	—	—	K	
,,	16	0	—	—	—	K	
,,	20	0	—	—	—	K	
,,	24	0	—	—	—	W	
22	8.5	9	Ci.-St.	—	—	—	
,,	12	8	Ci.-St.	—	—	—	
,,	16	9½	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	9½	—	—	—	—	
23	7.58	1	St., A.-St.	—	—	K	A.-St. clouds look like Ci.-St. or Ci.-Cu., but they are below Erebus as the top can be seen through them. They show weak iridescent clouds. These clouds are the remains of the thick St. clouds of the last day or so.
,,	12	0	—	—	—	K	
,,	16	3	Cu.	—	—	—	Fairly heavy Cu. came up for an hour or so between 16 h. and 18 h.
,,	20	7	Fr.-St.	—	N 40 W	—	
,,	24	9	—	—	—	—	
24	4	0	—	—	—	None visible	

TABLE 62. METEOROLOGICAL JOURNAL.

January, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
January, 1912.							
24	8.4	2	A.-St.	—	NW	—	This A.-St. (looking like Ci.-St.) below Erebus level showing brilliant iridescent colours.
,,	12	2	A.-Cu.	—	N 20 W	K	
,,	16	2	A.-Cu.	—	—	K	
,,	20	0	—	—	—	None visible	
,,	24	10	St.	—	—	—	Clear over Western Mountains. Nb. to N.
25	4	10	—	—	—	—	Clear over Western Mountains.
,,	8.5	0	—	—	—	W	
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	None visible	
,,	20	0	—	—	—	very little visible	
,,	24	0	—	—	—	W	
26	4	2	St., A.-St.	—	—	S	Heavy bank of St. in S and E.
,,	8.6	5	Ci.-St., Cu.-St.	Ci.-St., S 60 E	Fr.-Cu., S 40 E	—	Ci.-radiant W.
,,	12	7	A.-St.	—	—	SE	A.-St. clouds show iridescent colours at edges.
,,	16	3	A.-St., Ci.	—	A.-St., S 30 E	—	Clouds are either A.-St. or Ci.-St.; either name would apply. Iridescent colours.
,,	20	8	A.-Cu., A.-St. St.	—	A.-Cu., S 40 E	—	Heavy clouds coming up from S.
,,	24	10	A.-Cu., St.	—	—	—	
27	8.2	9	A.-St., Ci.-St.	Ci.-St., S 70 E	—	—	Moderate surface drift.
,,	12	10	A.-St., Ci.-St.	—	—	—	Heavy surface drift.
,,	16	8	St., A.-St., Ci.-St.	Ci., S 70 E	—	—	Moderate surface drift.
,,	20	2	A.-St., Ci.-St.	—	—	None visible	Little surface drift.
,,	24	7	Ci.-St.	—	—	—	No drift.
28	4	2	Ci.	—	—	W	
,,	8.5	0	—	—	—	None visible	
,,	12	0	—	—	—	W	
,,	16	0	—	—	—	W	
,,	21	0	—	—	—	None visible	
,,	24	0	—	—	—	W	
29	4	0	—	—	—	W	
,,	8	3	A.-St., Ci.-St.	—	—	W	Whale-back clouds to right of Erebus.
,,	12	1	A.-St.	—	—	—	Whale-back clouds to right of Erebus.

TABLE 62. METEOROLOGICAL JOURNAL.

January—February, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
January, 1912.							
29	16	0	—	—	—	None visible	Whale-back clouds to right of Erebus.
,,	20	2	Cu., St., Ci.-St.	—	—	None visible	
,,	24	6	Ci.-St.	—	—	None visible	Cu. on horizon to N.
30	4	1	St.	—	—	W	
,,	8.5	2	Cu., Ci.	—	—	W	
,,	12	1	Cu.	—	—	W	
,,	16	1	Cu.	—	—	None visible	
,,	20	4	Cu.	—	N 20 E	—	
,,	24	10	A.-Cu., St.	—	—	—	
31	4	10	A.-Cu., Nb.	—	—	—	Little snow in grains. Very dark cloud in N.W.
,,	8	8	Cu.-St., Ci.-St.	—	Cu.-St., N 40 W	—	Little snow falling.
,,	12	8	Cu.-St., Ci.-St.	—	N 30 W		
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	A.-Cu., St., Nb.	—	—	—	Little snow. Very leaden cloud to NW.
February, 1912							
1	4.45	10	—	—	—	—	Few flakes of snow.
,,	8.7	9	St., A.-Cu.	—	A.-Cu., N 40 W	W	
,,	12	10	Cu.-St.	—	—	—	Few flakes of snow.
,,	16	10	—	—	—	—	Heavily overcast.
,,	20	10	—	—	—	—	Few flakes of snow.
,,	24	10	A.-Cu., St.	—	—	—	Very thick to W and dark to N. Clearing to E, with whale-back cloud on Erebus.
2	4	10	—	—	—	—	
,,	8.5	10	Cu.-St.	—	N 30 W slowly	—	
,,	12	9	Cu.-St.	—	N 30 W	—	
,,	16	10	Cu.-St.	—	N 30 W	—	
,,	20	10	Cu.-St.	—	—	—	
,,	24	10	Cu.-St.	—	—	—	
3	4	9	Cu.-St.	—	—	—	
,,	8.20	10	Cu.-St.	—	—	—	Few flakes of snow.
,,	12	9	Cu.-St.	—	—	—	
,,	16	4	Cu.-St.	—	N 20 W	—	

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February, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
February, 1912.							
3	20	3	St.	—	—	—	
,,	24	10	St.	—	—	—	
4	4.30	8	Cu.-St.	—	—	—	
,,	8	8	Cu.-St.	—	N 20 W	W or NW	Few flakes of snow
,,	12	8	Cu.-St.	—	N 20 W	—	
,,	16.25	8	Cu.-St.	—	—	—	
,,	20	9	Cu.-St.	—	—	—	
,,	24	6	Cu.-St.	—	—	—	
5	4	8	Cu.-St.	—	—	—	
,,	8.9	8	Cu.-St.	—	—	—	
,,	12	3	Ci.	Ci.-Cu., N 70 W	—	W	Ci. radiant WNW.
,,	16	0	—	—	—	—	
,,	20	1	St.	—	—	None visible	
,,	24	10	St.	—	—	—	
6	4	10	—	—	—	—	
,,	8.9	9	Cu.-St.	—	—	—	
,,	12	8	Cu.-St., A.-St.	—	Cu.-St., no motion	—	
,,	16	0	—	—	—	K	
,,	20	1	Ci.-St.	—	—	None visible	
,,	24	5	Cu.-St.	—	—	None visible	
7	8.6	1	Ci.-St.	—	—	K	
,,	20	6	Ci., Cu.	—	Cu., N 20 W	—	Unloading ship.
8	8.4	7	Cu.-St.	—	N 20 W	W	Sky dark to NW.
,,	12	9	Cu.-St.	—	—	—	Heavy clouds in NW.
,,	16	9	Cu.-St.	—	—	—	Little snow.
,,	20	10	—	—	—	—	
9	8.4	10	—	—	—	—	
,,	12	10	—	—	—	—	
,,	16	8	Cu.-St.	—	—	—	
,,	20.10	6	Cu.-St.	—	—	W	The heavy clouds gradually became thinner and higher during afternoon.

TABLE 62. METEOROLOGICAL JOURNAL

February, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
February, 1912							
10	8.6	8	Cu.-St., St.	—	Cu.-St., S 20 W	—	
,,	12	10	—	—	—	—	
,,	16	10	—	—	—	—	Little snow.
,,	20	10	—	—	—	—	
11	8.8	9	St., A.-Cu.	—	—	—	Little snow and drift.
,,	12	10	St., A.-St.	—	A.-St., S 80 W	—	
,,	16	9	St., A.-St., A.-Cu.	—	—	—	Moderate drift.
,,	20	4	A.-Cu.	—	W	—	
,,	24	1	A.-St.	—	—	NW	
12	4	7	A.-Cu.	—	—	—	
,,	8.5	9	St.	—	—	—	Sky clear round horizon.
,,	12	6	St., A.-Cu.	—	—	W	
,,	16.20	3	St., Ci.-St.	—	—	W	
,,	20	5	Ci.	N 50 W	—	W	Ci. radiant WNW. Part of 22° halo.
13	8.2	1	St.	—	A.-Cu., S 80 E	NW	
,,	12	8	A.-Cu.	—	S 30 E	NW	A.-Cu. clouds showed bright iridescent colours.
,,	16	8	A.-Cu.	—	S 20 E	W	
,,	20	7	Cu.-St.	—	N 70 W	—	
,,	24	5	Cu.-St., Ci.	—	—	W	
14	4	9	Cu.-St.	—	—	—	Few flakes of snow.
,,	8.17	10	—	—	—	—	Few flakes of snow.
,,	12	10	—	—	—	—	Little snow falling (small stars).
,,	16	9	—	—	—	—	
,,	20	9	Cu.-St.	—	—	—	
,,	24	10	—	—	—	—	
15	5	7	St., Ci.-St.	—	—	—	
,,	8.5	10	Cu.-St.	—	A.-Cu., N 20 W	—	Little snow.
,,	12	9	Cu.-St., A.-Cu.	—	A.-Cu., N 20 W	—	Wind southerly.
,,	16	10	St.	—	—	—	Little snow falling (stars and fluff balls).
,,	20	10	St.	—	—	—	Little snow falling.
,,	24	10	—	—	—	—	Little snow falling

TABLE 62. METEOROLOGICAL JOURNAL.

February, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
February, 1912.							
16	4	10	—	—	—	—	Moderate surface drift.
,,	7.58	10	—	—	—	—	Moderate surface drift. Heavily overcast. Part of 22° halo.
,,	12	10	—	—	—	—	Little surface drift.
,,	16.40	10	St.	—	—	—	
,,	20.10	10	St.	—	—	—	Slight surface drift.
,,	24	10	St.	—	—	—	Slight surface drift.
17	4	10	—	—	—	—	Moderate snow and drift.
,,	8.7	10	—	—	—	—	Moderate drift and snow.
,,	12.10	10	—	—	—	—	Moderate drift.
,,	16.5	10	—	—	—	—	Moderate drift.
,,	20.10	10	—	—	—	—	Slight surface drift.
,,	24	10	St.	—	—	—	
18	4	9	—	—	—	—	Clear over Western Mountains.
,,	8.4	9	Cu.-St.	—	N 40 W	—	
,,	12	10	Cu.-St.	—	—	—	
,,	16	9	Cu.-St.	—	—	—	Clear on western hills.
,,	20	10	St.	—	—	—	
,,	24	10	—	—	—	—	
19	4	10	—	—	—	—	Little snow and drift.
,,	8.6	10	—	—	—	—	Moderate snow and drift.
,,	12	10	—	—	—	—	Moderate drift and snow.
,,	16	10	—	—	—	—	Moderate drift and snow.
,,	20	10	—	—	—	—	Moderate drift and snow.
,,	24	10	—	—	—	—	Moderate drift and snow.
20	4	10	—	—	—	—	Moderate drift and snow.
,,	8.7	10	—	—	—	—	Heavy snow and drift.
,,	12	10	—	—	—	—	Moderate drift and snow.
,,	16.15	10	—	—	—	—	Moderate drift and snow.
,,	20.10	10	—	—	—	—	Moderate drift and snow.
,,	24	10	—	—	—	—	
21	4	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

February, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
February, 1912.							
21	8.6	10	—	—	—	—	Moderate snow and drift.
,,	12	10	—	—	—	—	Moderate surface drift.
,,	16.10	10	—	—	—	—	Moderate surface drift.
,,	20	7	A.-Cu.	S 70 W	—	—	Slight surface drift.
,,	24	10	St., A.-Cu.	—	—	—	
22	4	7	A.-Cu., Nb.	—	—	—	
,,	8.5	8	Nb., A.-Cu.	—	A.-Cu., N 50 W	—	
,,	12	3	A.-St.	—	—	—	
,,	16	8	A.-St.	—	—	—	
,,	20	7	A.-Cu.	—	—	—	
,,	24	9	St.	—	—	—	
23	4	7	Ci.	—	—	K	Moderate surface drift.
,,	8.13	9	Ci.	W	—	W	Moderate surface drift.
,,	12	10	Ci.	—	—	W	
,,	16	9	Ci.	—	—	W	
,,	20	1	Ci.	—	—	W	
,,	24	1	Ci.	—	—	W	
24	4	0	—	—	—	W	
,,	8	5	Cu.-St.	—	N 30 W	W	
,,	12	10	—	—	—	—	Moderate snowfall in decayed flakes and puff-balls.
,,	16	10	—	—	—	—	Little snow in decayed flakes and puff-balls.
,,	20	10	—	—	18.30, A.-Cu., N 30 W	—	Moderate drift and snow.
,,	24	10	—	—	—	—	Moderate drift and snow.
25	4	10	—	—	—	—	Moderate drift and snow.
,,	8.7	10	A.-St.	—	—	—	Frost-smoke over sea. Little surface drift.
,,	12	9	Cu.-St., A.-Cu.	—	A.-Cu., N 30 W	—	Frost-smoke over sea. Moderate drift.
,,	16	9	Cu.-St., A.-Cu.	—	A.-Cu., N 30 W	—	Frost-smoke over sea. Moderate drift.
,,	20	10	A.-Cu., Cu.-St.	—	—	—	Heavy surface drift. No observations between 25th. 20 h., and 29th, 9 h. 30 m.

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February—March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
February, 1912.							
29	9.30	10	Cu.-St.	—	—	—	Western Mountains clear.
,,	11.45	10	St.	—	—	—	Slight snow (fluff-balls).
,,	16	10	St.	—	—	—	Western Mountains clear.
,,	20.30	10	St.	—	—	—	Western Mountains clear.
March, 1912.							
1	4	10	—	—	—	—	Few fluff-balls. Western Mountains clear.
,,	8	10	—	—	—	—	Few fluff-balls. Western Mountains clear.
,,	16	10	Cu.-St.	—	—	—	Few fluff-balls of snow.
,,	20	10	Cu.-St.	—	—	—	
,,	24	10	Ci.-St.	—	—	—	
2	4	10	St.	—	—	—	Little surface drift.
,,	8	10	St.	—	—	—	Slight surface drift.
,,	12	10	St.	—	—	—	Slight surface drift.
,,	16	10	St.	—	—	—	Slight surface drift.
,,	20.15	10	St.	—	—	—	
,,	24	10	—	—	—	—	Overcast. Western Mountains clear.
3	4	9	Cu.-St.	—	—	—	Western Mountains clear.
,,	8	2	Cu.	—	—	—	Western Mountains clear.
,,	12	3	Cu.	—	—	ESE	Western Mountains clear.
,,	17.10	7	Cu.-St.	—	—	—	Western Mountains clear.
,,	19.50	8	St.	—	—	—	Western Mountains clear. Drift on Barne Glacier.
,,	23.45	2	Ci.-St.	—	—	—	Western Mountains clear. Ci.-St. over Erebus.
4	4	0	—	—	—	W	Western Mountains clear.
,,	8	0	—	—	—	W	
,,	12	0	—	—	—	—	
,,	16.15	0	—	—	—	W	
,,	20	9	Cu.-St.	—	—	—	
,,	24	8	Ci.-St.	—	—	—	Slightly snowing. Clear to NW.
5	4	3	St.	—	—	—	
,,	8	0	—	—	—	W	
,,	12.15	0	—	—	—	W	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1912.							
5	16	1	St.	—	—	W	
,,	20	3	St.	—	—	K	
,,	24	10	St.	—	—	—	
6	4	3	A.-St.	—	—	K	
,,	8	9	Ci., A.-St.	—	—	—	
,,	12	8	Ci.	—	—	—	
,,	16	7	Ci.	—	—	W	
,,	20	0	—	—	—	W	
,,	24	0	—	—	—	—	
7	4	0	—	—	—	—	
,,	8	1	Ci.	—	—	—	
,,	12.15	2	Ci.	—	—	—	
,,	16	0	—	—	—	W	
,,	20	0	—	—	—	SSE	
,,	24	2	Ci.	—	—	SE	
8	4.25	4	St.	—	—	SE	Slight surface drift.
,,	8.8	7	Cu.-St.	—	—	-	Western Mountains clear.
,,	13.25	9	St.	—	—	—	Western Mountains clear. Few fluff-balls of snow.
,,	16	9	St.	—	—	—	Western Mountains clear.
,,	20	9	St.	—	—	—	Western Mountains clear.
,,	24	5	St.	—	—	—	Western Mountains clear. No frost-smoke visible.
9	4	4	St.	—	—	—	Western Mountains clear.
,,	8.5	9	Cu.-St., St.	—	—	—	Western Mountains clear.
,,	12	10	—	—	—	—	Slight drift. Snow fluff-balls. Frost-smoke.
,,	16	10	—	—	—	—	Slight drift. Snow fluff-balls. Frost-smoke.
,,	20	10	—	—	—	—	Slight drift. Snow fluff-balls. Frost-smoke.
,,	24	10	—	—	—	—	No drift. Break in clouds to S.
10	4.30	10	—	—	—	—	Slight snow.
,,	8.6	10	Cu.-St.	—	—	—	Slight surface drift.
,,	12	10	Cu.-St.	—	—	—	
,,	16	10	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1912.							
10	20	10	St.	—	—	—	Few fluff-balls falling.
,,	24	10	St.	—	—	—	
11	4	10	—	—	—	—	
,,	7.44	6	St.	—	—	—	Slight surface drift.
,,	12	10	St.	—	—	—	Moderate surface drift. Much frost-smoke.
,,	16.10	10	St.	—	—	—	Moderate surface drift. Much frost-smoke.
,,	20	10	St.	—	—	—	Heavy surface drift.
,,	24	10	St.	—	—	—	Heavy surface drift.
12	4	10	—	—	—	—	Moderate drift. Frost-smoke.
,,	7.58	10	St.	—	—	—	Much frost-smoke both to S and N.
,,	12.15	8	St.	—	—	—	No frost-smoke.
,,	16	8	St.	—	—	—	Little frost-smoke.
,,	20	10	—	—	—	—	Moderate snow and drift.
,,	24	10	St.	—	—	—	Much frost-smoke in the Sound.
13	4	10	—	—	—	—	
,,	7.58	8	Raised fog	—	—	—	Slight frost-smoke.
,,	12	7	St.	—	—	—	Slight frost-smoke.
,,	16.10	10	St.	—	—	—	Slight frost-smoke.
,,	20	10	St.	—	—	—	Much frost-smoke.
,,	24	4	St.	—	—	—	Much frost-smoke.
14	4.45	10	—	—	—	—	Much frost-smoke.
,,	8.8	10	St.	—	—	—	Much frost-smoke.
,,	12	10	—	—	—	—	Slight snow from N.
,,	16	10	—	—	—	—	
,,	20	10	—	—	—	—	
,,	24	10	St.	—	—	—	Slight snow from N.
15	4	10	—	—	—	—	
,,	8.1	9	St.	—	—	—	
,,	11.52	9	St.	—	—	—	
,,	16	10	—	—	—	—	Moderate snow and drift.
,,	24	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1912.							
16	4.50	10	—	—	—	—	
,,	8.10	10	St.	—	—	—	Light surface drift.
,,	12	9	St.	—	—	—	
,,	17.30	9	St.	—	—	—	
,,	20	6	A.-St.	—	—	—	
,,	23.55	1	St.	—	—	—	
17	4	5	St.	—	—	—	
,,	8.4	9	St.	—	—	—	
,,	13.20	10	St.	—	—	—	Few fluff-balls of snow.
,,	16.10	10	—	—	—	—	Slight snow (fluff-balls).
,,	20	10	—	—	—	—	Slight snow (fluff-balls).
,,	24	10	St.	—	—	—	Slight snow.
18	3.55	10	—	—	—	—	
,,	7.55	10	—	—	—	—	Few snow fluff-balls.
,,	12	8	St.	—	—	—	
,,	16	10	—	—	—	—	Light snow.
,,	20	10	—	—	—	—	Light snow.
,,	24	6	—	—	—	—	
19	4.5	10	St.	—	—	—	
,,	8.7	8	St.	—	—	—	
,,	12.35	10	—	—	—	—	Moderate surface drift (gravel drifting).
,,	16.10	10	—	—	—	—	Heavy surface drift (gravel drifting).
,,	20.5	10	St.	—	—	—	
,,	24	10	St.	—	—	—	
20	4.15	10	—	—	—	—	Heavy surface drift.
,,	8.32	10	—	—	—	—	Moderate surface drift.
,,	12.5	10	—	—	—	—	Moderate surface drift.
,,	16.5	10	—	—	—	—	Moderate surface drift.
,,	20.10	10	—	—	—	—	Moderate surface drift.
,,	24	10	—	—	—	—	Drifting and snowing heavily.

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1912.							
21	4.35	10	—	—	—	—	Light surface drift.
,,	8.1	10	—	—	—	—	Light surface drift.
,,	12.5	10	—	—	—	—	Light surface drift.
,,	16	10	St.	—	—	—	
,,	20	10	Ci., A.-St.	—	—	—	
,,	24	0	—	—	—	—	
22	5.20	10	Ci.-St.	—	—	NW	
,,	7.56	10	Ci.-St.	—	—	NW	Thinly overcast.
,,	12.10	3	Ci.	—	—	NW	
,,	16.30	10	Ci.	—	—	NW	Thinly overcast.
,,	20	10	Ci., St.	—	—	—	
,,	24	9	St.	—	—	—	
23	2.15	5	Ci.-St.	—	—		
,,	8	0	—	—	—	W	
,,	12	0	—	—	—	NW	
,,	16	0	—	—	—	NW	
,,	20	0	—	—	—	NW	
,,	24	2	Ci.-St.		—	—	Thinly overcast to S.
24	4	8	Ci., A.-St.	—	—	—	
,,	8.2	9	St.	—	—	—	
,,	12	10	St.	—	—	—	
,,	16	10	St.	—	—	—	
,,	20	10		—	—	—	
,,	24	—	—	—	—	—	Heavy drift.
25	4.10	5	St.	—	—	—	Slight surface drift.
,,	7.48	6	A.-St.	—	—	—	
,,	12.5	2	A.-St.	—	—	—	No frost-smoke.
,,	16.20	5	A.-St.	—	—	—	No frost-smoke.
,,	20.5	5	A.-St.	—	—	—	Slight frost-smoke.
,,	24	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

March, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
March, 1912.							
26	8.5	10	St.	—	—	—	Slight surface drift.
,,	12.20	10	St.	—	—	—	Slight surface drift.
,,	16.15	10	—	—	—	—	Moderate drift and snow.
,,	20	10	—	—	—	—	Moderate drift and snow.
,,	24	10	—	—	—	—	Heavy drift or snow.
27	7.56	10	A.-St., St.	—	—	—	Slight surface drift.
,,	12	10	A.-St.	—	—	—	
,,	16.45	10	A.-St.	—	—	—	
,,	20	10	A.-St., St.	—	—	—	
,,	24	10	St.	—	—	—	
28	3.55	10	St.	—	—	—	
,,	8.3	8	A.-St.	—	—	—	
,,	12.45	2	Ci., A.-Cu.	—	—	—	
,,	16	0	—	—	—	—	
,,	20.10	9	A.-St.	—	—	—	
,,	24	4	St.	—	—	—	
29	4	4	A.-St.	—	—	—	
,,	8.12	3	A.-St.	—	—	NW	
,,	11.50	3	A.-St.	—	—	NW	
,,	16.35	9	A.-St.	—	—	—	
,,	19.55	10	A.-St., St.	—	—	—	
,,	24	3	St.	—	—	—	Slightly hazy, but stars visible.
30	4	6	A.-St.	—	—	—	
,,	8.5	9	St.	—	—	—	
,,	12	8	St.	—	—	—	
,,	15.52	10	St.	—	—	—	
,,	19.45	10	—	—	—	—	Few flakes of snow.
,,	24	10	—	—	—	—	Light snow.

TABLE 62. METEOROLOGICAL JOURNAL.

March—April, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
March, 1912.							
31	4	10	—	—	—	—	Light snow.
,,	8.1	10	—	—	—	—	Light snow and drift. Frost-smoke.
,,	12	10	—	—	—	—	Light snow and drift. Frost-smoke.
,,	15.50	10	St.	—	—	—	Light surface drift. Frost-smoke.
,,	19.55	10	—	—	—	—	Light snow and drift. Frost-smoke.
,,	24	10	—	—	—	—	
April, 1912.							
1	4.5	10	—	—	—	—	Light snow and drift.
,,	7.40	10	—	—	—	—	Light surface drift. Frost-smoke.
,,	12.5	10	—	—	—	—	Light surface drift. Frost-smoke.
,,	16.10	10	St.	—	—	—	Light surface drift. Frost-smoke.
,,	20.10	10	—	—	—	—	Light surface drift.
,,	24	10	St.	—	—	—	Light surface drift.
2	4	10	—	—	—	—	
,,	8.17	10	—	—	—	—	Light snow fluff-balls.
,,	12.5	10	St.	—	—	—	Light frost-smoke.
,,	16	10	St.	—	—	—	Light frost-smoke.
,,	20.50	10	—	—	—	—	Light snow and drift.
,,	24	7	Ci.-St., A.-Cu., St.	—	—	—	
3	3.50	10	Ci., A.-St.	—	—	—	
,,	8.14	8	Ci., A.-St.	—	—	NW	
,,	12.15	8	Ci., A.-St.	—	—	NW	
,,	16	10	Ci.-St.	—	—	NW	22° halo, mock sun, horizontal.
,,	20.15	10	Ci.-St., St.	—	—	—	
,,	24	9	A.-Cu., St.	—	—	—	Lunar aureole.
4	5.55	10	St.	—	—	—	
,,	8	9	St.	—	—	—	
,,	12.10	0	—	—	—	S	
,,	16	0	—	—	—	S	
,,	20	0	—	—	—	—	
,,	24	—	—	—	—	—	Slight surface drifting.

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April.	1912.						
5	4	0	—	—	—	—	Slight surface drifting.
,,	8.9	0	—	—	—	W	
,,	12.50	0	—	—	—	W	
,,	16.1	0	—	—	—	—	
,,	20.5	0	—	—	—	—	
,,	24	0	—	—	—	—	Whale-back clouds on Erebus.
6	4.20	3	A.-St.	—	—	—	
,,	8.11	10	A.-St.	—	—	K	
,,	12.10	10	A.-St.	—	—	—	
,,	16.25	0	—	—	—	—	
,,	20.5	0	—	—	—	—	
,,	24	1	Ci.-St.	—	—	—	
7	3.45	3	A.-St.	—	—	—	
,,	7.58	3	A.-St.	—	—	—	
,,	12	3	St.	—	—	—	
,,	15.55	10	A.-St., St.	—	—	—	
,,	19.45	10	A.-St.	—	—	—	
,,	24	10	A.-St.	—	—	—	Slightly snowing.
8	4	10	—	—	—	—	
,,	7.46	10	St.	—	—	—	Slight surface drift.
,,	12.5	10	St.	—	—	—	
,,	16.25	10	St.	—	—	—	
,,	19.50	10	A.-St., St.	—	—	—	
,,	24	5	Ci.-St., St.	—	—	—	
9	4	10	Ci.-St., A.-St.	—	—	—	
,,	8.9	10	St.	—	—	—	
,,	12.5	10	St.	—	—	—	
,,	16.5	10	St.	—	—	—	
,,	20	10	St.	—	—	—	
,,	24	7	St.	—	—	—	

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April, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
April, 1912.							
10	3.55	10	Ci.-St.	—	—	—	
,,	7.56	10	A.-St., St.	—	—	—	
,,	12	3	A.-St.	—	—	—	
,,	16	3	A.-St.	—	—	—	
,,	20.40	0	—	—	—	—	
,,	24	—	—	—	—	—	Slight aurora overhead, 70° altitude.
11	8.2	10	A.-St., St.	—	—	—	
,,	16.15	10	—	—	—	—	
,,	20	10	—	—	—	—	Few flakes of snow falling (fluff-balls).
12	0.52	10	—	—	—	—	Few flakes of snow falling (fluff-balls).
,,	8.23	10	St.	—	—	—	Few flakes of snow falling (fluff-balls).
,,	11.55	10	St.	—	—	—	Overcast and gloomy. Calm.
,,	15.50	4	St.	—	—	—	Slightly snowing and drifting.
,,	19.55	0	—	—	—	—	22° halo. Clearing.
13	3.15	10	—	—	—	—	Hazy over Erebus. A very slight snowfall during night. At 5 h. drifting.
,,	8.15	6	St.	—	—	—	Frost-smoke. Slight drift on hills.
,,	12	8	St.	—	—	—	
,,	16	10	St.	—	—	—	Frost-smoke.
,,	20	4	St.	—	—	—	
14	8.13	0.5	St.	—	—	NW	
,,	12	1	A.-St.	—	—	—	
,,	16	1	St.	—	—	—	
,,	20	1	St.	—	—	—	
15	8.18	1	A.-St.	—	—	NW	
,,	12.15	2	A.-St.	—	—	—	
,,	16	2	St.	—	—	NW	
,,	20	5	A.-St.	—	—	—	
16	8.15	7	A.-St.	—	—	NW	
,,	12	6	A.-St., Ci.	—	—	—	
,,	16	2	A.-St.	—	—	S	

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CAPE EVANS.

Standard Time.		Cloud					Remarks
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
April. 1912.							
16	20	2	St.	—	—	—	
17	8.17	9	St.	—	—	—	
,,	12	8	St.	—	—	—	
,,	16	1	A.-St.	—	—	—	
,,	20	0.5	St.	—	—	—	
18	8.16	4	A.-St.	—	—	S	
,,	12.50	2	A.-St.	—	—	SE	
,,	16	4	St.	—	—	SE	
,,	20	2	St.	—	—	—	
19	8.30	10	St.	—	—	—	
,,	13.30	10	St.	—	—	—	Frost-smoke. Drift.
,,	16	10	St.	—	—	—	Drift.
,,	20	10	St.	—	—	—	Drift.
20	8.32	10	St.	—	—	—	
,,	13.10	10	Ci.-St., A.-Cu., St.	—	—	—	
,,	16	8	St.	—	—	—	
,,	20	4	St.	—	—	—	
21	8.22	2	St.	—	—	—	
,,	11.50	8	Ci., St.	—	—	—	
,,	16	7	St.	—	—	—	
,,	20	9	St.	—	—	—	
22	8.33	9	St.	—	—	—	
,,	12	10	St.	—	—	—	Frost-smoke.
,,	16	9	St.	—	—	—	Frost-smoke.
,,	20	10	St.	—	—	—	
23	8.41	6	A.-St.	—	—	—	
,,	12	7	A.-St.	—	—	—	
,,	16	10	St.	—	—	—	
,,	20	10	St.	—	—	—	
24	8.50	10	St.	—	—	—	

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April—May, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
April, 1912.							
24	13	9	St.	—	—	—	
,,	16	2	St.	—	—	—	
,,	20	6	St.	—	—	—	
25	8.45	1	St.	—	—	—	
,,	12.53	0.5	St.	—	—	—	
,,	16	2	St.	—	—	—	
,,	20	0	—	—	—	—	
26	8.37	0	—	—	—	NW	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
27	8.44	5	Ci.	—	—	—	
,,	13.30	10	A.-St.	—	—	—	
,,	16	10	A.-St.	—	—	—	
,,	20	2	St.	—	—	—	
28	8.38	10	St.	—	—	—	
,,	12.50	10	St.	—	—	—	
,,	16.50	10	St.	—	—	—	
,,	20	6	St.	—	—	—	
29	8.18	10	St.	—	—	—	
,,	12.10	10	St	—	—	—	Slight surface drift.
,,	16	10	St.	—	—	—	
,,	20.45	10	—	—	—	—	
30	8.25	7	Ci.-St.	—	—	NNW	
,,	12	10	Ci., A.-St.	—	—	NNW	
,,	15.57	6	A.-St., St.	—	—	NNW	
,,	20.30	2	Ci., St.	—	—	NNW	
May, 1912.							
1	4.45	10	A.-St., Ci.-St.	—	—	—	
,,	8.16	10	—	—	—	—	Slightly snowing.
,,	12	10	—	—	—	—	Slightly snowing.

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1912.							
1	16	10	—	—	—	—	Slightly snowing and drifting.
,,	20.20	10	—	—	—	—	Slightly snowing and drifting.
,,	24	10	A.-St , Ci.-St.	—	—	—	Slight surface drift. Incomplete 22° halo.
2	3.25	10	A.-St.	—	—	—	
,,	7.45	10	A.-St.	—	—	—	Moon shining through clouds.
,,	12.3	10	Ci.-St., A.-St.	—	—	—	
,,	16	10	St.	—	—	—	
,,	20	5	Ci.-St.	—	—	—	Clearing overhead.
,,	24	10	A.-St.	—	—	—	
3	4	10	—	—	—	—	
,,	8.7	10	Ci., St.	—	—	—	
,,	12.5	10	Ci.-St., A.-St.	—	—	—	
,,	16.10	9	Ci.-St., A.-St.	—	—	—	Clearing to N.
,,	20	10	St.	—	—	—	Ice in North Bay gone out.
,,	24	10	St.	—	—	—	Drift.
4	4	10	St.	—	—	—	Gravel drift.
,,	8.9	10	—	—	—	—	Very thick ; snowing and drifting heavily.
,,	12.3	10	—	—	—	—	Very thick ; snowing and drifting heavily.
,,	16.30	10	—	—	—	—	Very thick ; snowing and drifting heavily.
,,	20.7	10	St.	—	—	—	Easing up. Can see the Ramp.
,,	24	0	—	—	—	—	Heavy surface drift, but clear sky.
5	4	3	Ci.-St.	—	—	—	No drift. Erebus partly clear.
,,	7.36	10	St.	—	—	—	Moon not shining through cloud.
,,	11.50	10	Ci.-St., A.-St.	—	—	—	Snowing very slightly.
,,	16.5	10	St.	—	—	—	Snowing and drifting heavily.
,,	20	—	—	—	—	—	Stars visible. Heavy surface drift.
,,	24	0	—	—	—	—	Clearing up ; moon shining through.
6	4	0	—	—	—	—	Bright and clear.
,,	8.6	4	A.-St., Ci.-St.	—	—	—	Cloudy over Erebus and to the N.
,,	12.15	1	Ci.-St.	—	—	No smoke	Northerly wind.
,,	18.12	0	—	—	—	No smoke	

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1912.							
6	20.10	0	—	—	—	No smoke	
,,	24	1	Ci.-St.	—	—	No smoke	Bright moonlight. Clouds forming to W.
7	4	0	—	—	—	No smoke	Erebus quite distinct; no clouds.
,,	8.3	0	—	—	—	No smoke	Crystals overnight. Observations taken at Vane Hill: at 8.40 the wind moved to S and the temperature dropped about 8° in ten minutes.
,,	12.15	0	—	—	—	No smoke	
,,	16.36	1	A.-St.	—	—	No smoke	Haze to the S.
,,	20.10	0	—		—	No smoke	Haze to the S. Corona and halo round the moon 21h. 30 m.
,,	22.30	10	Ci.-St.	—	—	—	22° lunar halo and corona.
8	8.8	1	Ci.	—	—	—	
,,	12.15	0	—	—	—	—	
,,	16.20	2	Ci.-St.	—	—	—	
,,	20	10	Ci.-St.	—	—	—	
,,	24	10	St.	—	—	—	
9	4	10	—	—	—	—	
,,	8.15	8	A.-St., Ci.-St.	—	—	—	
,,	12	10	A.-St., Ci.-St.	—	—	—	
,,	16.10	10	Ci.-St.	—	—	—	At 17 h. 30 m. snowing slightly.
,,	20.7	4	St.	—	—	—	Heavy snow clouds to W.
,,	24	3	Ci.-St.	—	—	—	
10	4.5	2	St.	—	—	—	
,,	8.11	0	—	—	—	N	Ice in North Bay.
,,	12	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20.5	0	—	—	—	—	
11	8.19	0	—	—	—	—	
,,	12	2	Ci.-St.		—	—	
,,	17	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
12	4	0	—	—	—	—	

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May. 1912.							
12	8.9	2	St.	—	—	—	St. clouds over Erebus.
,,	12.30	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	S	
,,	24	0	—	—	—	—	Faint aurora curtain N of Erebus.
13	4	0	—	—	—	—	Wind SE, and drift.
,,	7.49	0	—	—	—	—	Clear but haze to the S.
,,	12.30	0	—	—	—	SE	
,,	16	0	—	—	—	NW	
,,	20	0	—	—	—	—	Faint aurora over Erebus.
,,	24	0	—	—	—	—	Bright aurora from E to S.
14	4	7	—	—	—	—	Overcast, only few stars visible Moderate wind and little surface drift.
,,	8.24	3	St	—	—	—	Cloudy over Erebus and the S.
,,	12.4	8	Ci., Ci.-St.	—	—	—	Clouding over. Wind going down.
,,	16.7	10	St.	—	—	—	Drifting and quite thick.
,,	20	10	St.	—	—	—	Slight drift and snow. Clearing.
15	0.5	8	Ci. St.	—	—	—	Clear overhead. Slight drift.
,,	4	10	Ci.-St.	—	—	—	Slight surface drift.
,,	7.12	4	Ci.-St.	—	—	—	Clearing up. No drift.
,,	12.40	4	A.-St., Ci.-St.	—	—	—	St. clouds over Erebus.
,,	16.20	10	Ci.	—	—	—	Overcast. Stars visible.
,,	20.10	0	—	—	—	—	Clear sky. No aurora.
,,	24	0	—	—	—	—	No aurora.
16	4	0	—	—	—	—	
,,	8.9	0	—	—	—	—	
,,	12.10	0	—	—	—	—	Wind increasing.
,,	16.15	3	Ci-St., A.-St.	—	—	—	Wind NE. Strong column of smoke from Erebus.
,,	21	4	Ci.-St., A.-St.	—	—	—	Hazy. Northerly wind.
,,	24	8	St.	—	—	—	Blizzard impending.
17	4.20	5	St.	—	—	—	
,,	7.44	4	St.	—	—	—	St. to the S.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
May, 1912.							
17	12.5	6	St.	—	—	SSE	Gloomy to the S.
,,	16.30	3	Ci.-St.	—	—	—	
,,	21.30	2	Ci.	—	—	—	
,,	24	8	St.	—	—	—	No aurora.
18	4	4	St.	—	—	—	No aurora.
,,	8.24	7	Ci.-St., A.-St.	—	—	—	Clear overhead. Slightly snowing.
,,	12	8	Ci.-St., A.-St.	—	—	—	Slightly snowing.
,,	16	8	Ci.-St., A.-St.	—	—	—	Slightly snowing.
,,	20	7	Ci.-St.	—	—	—	Clear overhead and to the S.
,,	24	4	St.	—	—	—	Snowing slightly from the NE.
19	8.38	0	—	—	—	—	Deposited crystals overnight.
,,	12.10	0	—	—	—	—	
,,	15.55	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Bright starlight. Moderate SE wind.
20	4	0	—	—	—	—	Snowing slightly from SE. Light airs.
,,	8.14	0	—	—	—	—	Slight aurora over Erebus.
,,	12.10	0	—	—	—	—	
,,	16.20	2	St.	—	—	—	Surface drift: Frost-smoke to the N. St. over Barne Glacier.
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	Clear. No aurora.
21	4	0	—	—	—	—	Clear.
,,	8.19	0	—	—	—	—	Faint aurora to NE. Hazy.
,,	12	2	A.-St.	—	—	N	A.-St. to the N.
,,	16	0	—	—	—	N	
,,	20	0	—	—	—	—	
22	0.25	0	—	—	—	—	Clear.
,,	4.4	2	St.	—	—	—	St. to S.E.
,,	8.30	0	—	—	—	N	Northerly wind.
,,	12.15	4	Ci.-St.	—	—	N	
,,	16	0	—	—	—	N	

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Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0 10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
May, 1912.							
22	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
23	4	4	Ci.-St.	—	—	—	
,,	8.5	10	St.	—	—	—	Brightest stars visible overhead. Haze.
,,	12.15	10	St.	—	—	—	Slightly snowing.
,,	16	10	St.	—	—	—	Started drifting and snowing.
,,	20	10	St.	—	—	—	Drifting and snowing slightly.
,,	24	10	St.	—	—	—	Drifting and snowing heavily.
24	4	10	—	—	—	—	Drifting and snowing heavily.
,,	8.11	10	St.	—	—	—	Snow and drift.
,,	12.15	10	Ci.-St., A.-St.	—	—	—	Cleared thermograph of snow.
,,	16	10	St., A.-St.	—	—	—	Slightly snowing. Cleared thermograph of snow.
,,	20	0	—	—	—	—	The temperature exceptionally variable. Snow.
,,	24	0	—	—	—	—	Thermograph not working; blizzed up with snow.
25	4	0	—	—	—	—	Snow and drift.
,,	8.29	0	—	—	—	—	The thermograph being cleaned.
,,	12	3	A.-St.	—	—	—	The thermograph in order. Heavy surface drift.
,,	16	0	—	—	—	—	Slight surface drift.
,,	20.10	1	A.-St.	—	—	—	Moon shining.
26	0.4	—	—	—	—	—	Moon in clear sky. Whale-back clouds to N of Erebus.
,,	4	0	—	—	—	—	Clear. Aurora N and S of Erebus.
,,	8.8	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	15.55	0	—	—	—	—	
,,	20	0	—	—	—	—	
27	0.20	7	Ci.-St.	—	—	—	
,,	4.12	10	Ci.-St.	—	—	—	Generally overcast.
,,	7.55	10	Ci.-St.	—	—	—	
,,	12.10	10	A.-St., St.	—	—	—	Snowing.
,,	16	4	St.	—	—	—	
,,	20.5	10	St.	—	—	—	Slightly snowing.

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May—June, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
May, 1912.							
28	0.11	10	—	—	—	—	Slight surface drift.
,,	3.55	10	A.-St.	—	—	—	Slight surface drift.
,,	7.16	3	Ci.-St.	—	—	—	Clear. Ci.-St. to S.
,,	12	2	Ci.-St.	—	—	—	
,,	16.20	2	Ci.-St.	—	—	—	
,,	20.5	5	Ci.-St.	—	—	—	25° halo round the moon.
,,	24	10	A.-Cu.	—	—	—	
29	4	10	Ci.	—	—	—	
,,	8.21	8	Ci.	—	—	—	Nearly calm.
,,	12	3	Ci.-St.	—	—	S	
,,	16.2	5	Ci., Ci.-St.	—	—	—	Calm.
,,	20.40	10	Ci. St.	—	NW	—	Moon shining through.
,,	24	8	St.	—	—	—	Light snow falling.
30	4	4	St.	—	—	—	
,,	8.17	10	St.	—	—	—	Slightly snowing.
,,	12.6	9	St.	—	—	—	Clearing to N.
,,	16·10	10	St.	—	—	—	Slightly snowing.
,,	20.30	10	St.	—	—	—	Slightly snowing.
,,	23.55	10	St., Ci.-St.	—	—	—	Moon shining through.
31	3.55	0	—	—	—	N	Moonlight. No aurora.
,,	8.11	0	—	—	—	N	Very clear; bright moonlight.
,,	13	0	—	—	—	—	Very clear; bright moonlight.
,,	16.30	0	—	—	—	—	Very clear; bright moonlight.
,,	20	0	—	—	—	—	Very clear; bright moonlight.
,,	23.55	0	—	—	—	—	Very clear.
June, 1912.							
1	4.5	0	—	—	—	—	
,,	8.30	0	—	—	—	—	Very clear; bright moonshine.
,,	13	0	—	—	—	—	Very clear; bright moonshine.
,,	16	0	—	—	—	—	
,,	21	0	—	—	—	—	Very clear and calm; moonlight.
,,	24	0	—	—	—	—	Calm, clear, and bright moonlight.

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CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
JUNE, 1912.							
2	4	0	—	—	—	—	Light airs, moonlight, and clear.
,,	8.7	0	—	—	—	—	Very clear; moonlight.
,,	13	0	—	—	—	—	Very clear.
,,	15.55	0	—	—	—	—	Very clear. Frost-smoke to N.
,,	20.15	0	—	—	—	—	Very clear. Wind getting up.
,,	23.58	0	—	—	—	—	Clear and moon shining. Wind increasing.
3	4	0	—	—	—	—	Corona round the moon. Surface drift.
,,	8.6	0	—	—	—	—	Bright moon.
,,	12.20	0	—	—	—	—	Slight surface drift.
,,	16.5	0	—	—	—	—	Nearly calm. 25° halo.
,,	19.55	0	—	—	—	—	Corona round the moon.
,,	24	0	—	—	—	—	
4	4	1	Ci.-St.	—	—	—	
,,	8.16	7	Ci.	—	—	—	Corona round the moon.
,,	12.30	7	Ci.-St.	—	—	—	
,,	16.20	0	—	—	—	—	
,,	19.55	5	Ci.	—	—	—	Corona round the moon.
,,	24	0	—	—	—	—	
5	4	0	—	—	—	—	
,,	8.6	0	—	—	—	—	Aurora to S.
,,	12	0	—	—	—	—	St. Clouds to N
,,	16.5	0	—	—	—	—	
,,	20	0	—	—	—	—	
,,	24	0	—	—	—	—	
6	4	0	—	—	—	—	
,,	8.15	5	Ci.	—	—	—	Corona round the moon.
,,	12	5	Ci.	—	—	—	
,,	16.10	5	Ci.	—	—	—	
,,	20.10	0	—	—	—	—	Northerly wind.
,,	24	5	—	—	—	—	

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JUNE, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1912.							
7	4	0	—	—	—	—	
,,	8.6	0	—	—	—	—	Very clear, moonlight, and calm.
,,	12.5	0	—	—	—	—	Very clear, moonlight, and calm. No aurora.
,,	16.10	0	—	—	—	—	Slight southerly wind springing up.
,,	19.45	10	—	—	—	—	Started drifting and snowing from S.
8	0.5	10	—	—	—	—	Less drift. High wind springing up.
,,	4	10	—	—	—	—	Very heavy drift.
,,	7.50	10	St.	—	—	—	Very thick and heavy surface drift.
,,	12.20	10	St.	—	—	—	Moderate surface drift.
,,	16.20	10	St.	—	—	—	Heavy surface drift and snowing.
,,	19.55	10	St.	—	—	—	Drifting heavily.
9	0.5	10	St.	—	—	—	Drifting heavily and snowing.
,,	3.55	10	St.	—	—	—	Drifting heavily and snowing.
,,	8.10	10	St.	—	—	—	Moderate surface drift.
,,	12	10	—	—	—	—	Moderate surface drift.
,,	16.20	10	St.	—	—	—	Slight surface drift.
,,	20	10	St.	—	—	—	Slightly snowing and surface drifting.
,,	23.45	10	St.	—	—	—	Slightly snowing and surface drifting.
10	4.15	10	—	—	—	—	Slight surface drift.
,,	8.55	10	—	—	—	—	Snowing and surface drifting slightly.
,,	11.55	10	St.	—	—	—	Snowing and surface drifting slightly.
,,	15.55	10	St.	—	—	—	Slightly drifting. Ice in North Bay gone.
,,	20	7	Ci.	—	—	—	Stars visible. Wind going down.
,,	24	10	Ci.	—	—	—	Stars visible. Low drift.
11	4	10	—	—	—	—	Heavy drift.
,,	8.20	10	St.	—	—	—	Snowing and surface drift.
,,	12	10	—	—	—	—	Snowing and drifting heavily.
,,	16.15	10	St.	—	—	—	Heavy snowfall and moderate surface drift.
,,	20.15	10	St.	—	—	—	Snowing and drifting heavily.
12	0.5	10	—	—	—	—	Snowing and drifting heavily.
,,	4	10	—	—	—	—	Snowing and drifting heavily.

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JUNE, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1912.							
12	8.14	10	—	—	—	—	Snowing and drifting moderately.
,,	12.5	10	St.	—	—	—	Snowing and drifting moderately.
,,	16.15	10	St.	—	—	—	Drifting slightly.
,,	20.10	5	Ci.-St.	—	—	—	Clearing overhead.
13	0.7	5	Ci.-St.	—	—	—	Moderate drift. Stars showing to-night overhead.
,,	4.14	10	Ci.-St.	—	—	—	Very little drift. Generally overcast. Stars are showing through in places.
,,	8.16	10	St.	—	—	—	Blizzing to S.
,,	12.15	10	St.	—	—	—	Snowing slightly and drifting moderately.
,,	15.55	10	St.	—	—	—	Snowing and drifting heavily.
,,	19.55	10	St.	—	—	—	Snowing very heavily. Moderate drift.
14	0.6	10	St.	—	—	—	Snowing slightly and drifting.
,,	4.10	10	St.	—	—	—	Drifting very heavily.
,,	8.30	10	St.	—	—	—	Slightly snowing and drifting. One of the anemometer cups broken and the apparatus taken down from Vane Hill to be repaired.
,,	12	0	—	—	—	—	Cups covered with snow. Gloomy to SE. St. Clouds. Anemometer working.
,,	16	7	Ci., Ci.-St.	—	—	—	Stars partly visible.
,,	20.10	10	St.	—	—	—	Heavily snowing and drifting.
15	0.35	10	—	—	—	—	Blizzard.
,,	3.59	10	—	—	—	—	Blizzard.
,,	8.6	10	—	—	—	—	Drifting and snowing heavily.
,,	12	10	St.	—	—	—	Drifting and snowing heavily.
,,	15	10	St.	—	—	—	Clearing to the N. Snow and drift.
,,	20.6	0	—	—	—	—	Clear and various. Wind N.
,,	24	0	—	—	—	—	Clear. Wind SSE, force 5 to 6.
16	4.5	0	—	—	—	—	Clear. Wind SSE, force 4 to 5.
,,	8.3	0	—	—	—	—	Very clear in all directions.
,,	12.30	0	—	—	—	—	Clear. St. over Cape Barne glacier.
,,	15.50	0	—	—	—	—	Very clear.
,,	20	0	—	—	—	—	Nearly calm. Very clear. No aurora.
17	0.5	0	—	—	—	—	Clear. No aurora.
,,	4.5	5	—	—	—	—	Overcast to S.
,,	8	10	St.	—	—	—	Overhead. Stars visible through a misty kind of St. Drifting and snowing heavily.

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JUNE, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
JUNE, 1912.							
17	12.20	10	St.	—	—	—	Drifting and snowing heavily.
,,	16.25	0	—	—	—	—	Clear. Band of aurora in SE and NW, 80° altitude.
,,	20.30	0	—	—	—	—	Very clear and almost calm.
,,	24	0	—	—	—	—	
18	4.5	0	—	—	—	—	
,,	8.18	5	St.	—	—	—	Surface drift. Stars visible through misty St.
,,	11.57	7	St.	—	—	—	Moderate surface drift. Frost-smoke to N.
,,	17.3	0	—	—	—	—	Very clear all over. Slight surface drift.
,,	20	0	—	—	—	—	Very clear in all directions.
19	8.20	0	—	—	—	—	Brilliant aurora curtain to the SE, about 20° altitude. Very clear. N. wind.
,,	12.5	0	—	—	—		Patch of aurora to SE. Calm.
,,	17.10	0	—	—	—	—	Calm and clear.
,,	20	0	—	—	—	—	Started drifting slightly at 20 h.
,,	24	0	—	—	—	—	Anemometer head, Vane Hill, broken.
20	4	0	—	—	—	—	Drifting slightly.
,,	8.17	0	—	—	—	—	Slight surface drift.
,,	12.20	5	Ci.	—	—	—	Slight surface drift. Anemometer repaired.
,,	18	10	St.	—	—	—	Very thick ; drifting heavily.
,,	20	10	St.	—	—	—	Moderate surface drift.
21	0.2	10	—	—	—	—	Thick and drifting.
,,	4	10	—	—	—	—	Thick drift.
,,	8.27	10	St.	—	—	—	Slightly drifting. Stars visible through misty St.
,,	12.40	10	St.	—	—	—	Misty St.
,,	17	5	St.	—	—	—	Misty. Stars visible.
,,	20.10	5	St.	—	—	—	Surface drift. Misty St. Zenith clear.
22	0.18	4	St.	—	—	—	Clear overhead, but misty on horizon.
,,	4.16	0	—	—	—	—	Clear. Moderate surface drift. Aurora NE.
,,	8.35	4	St.	—	—	—	Misty St. Moderate surface drift.
,,	12.10	0	—	—	—	—	Slight surface drift.
,,	16.10	0	—	—	—	—	Slight surface drift.
,,	24	6	—	—	—	—	Light haze over sky. Wind gone round to N between 22 h. and 24 h.

TABLE 62. METEOROLOGICAL JOURNAL.

JUNE, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
JUNE, 1912.							
23	4	10	Ci.-St.	—	—	—	
,,	9.24	0	—	—	—	—	
,,	11.55	0	—	—	—	—	N. wind. Very clear.
,,	16	0	—	—	—	—	Corona and 20° halo round moon.
,,	20.10	10	St., A.-St.	—	—	—	Corona round the moon. N wind.
,,	24	10	St.	—	—	—	
24	4	10	—	—	—	—	Light snow.
,,	8.30	10	St.	—	—	—	Light snowfall.
,,	12	10	—	—	—	—	Started blizzing at 11 h. 5 m. Snowing and drifting heavily.
,,	16.10	10	—	—	—	—	Snowing and drifting heavily.
,,	19.50	10	St.	—	—	—	Misty. St. Corona round moon. Heavy surface drift.
,,	24	10	St.	—	—	—	Drift ceasing. Ramp visible.
25	4	10	St.	—	—	—	Drift ceasing. Ramp visible.
,,	8.8	5	Ci., St.	—	—	—	Misty St. over Erebus. Cloudy to S.
,,	12.5	0	—	—	—	—	Clear all over.
,,	16	5	Ci.-St.	—	—	—	Corona round moon.
,,	20	10	Ci.-St.	—	—	—	Corona and 15° halo round moon.
,,	24	10	St.	—	—	—	Slightly snowing and drifting.
26	4	10	Ci. St.	—	—	—	Corona round moon.
,,	7.23	10	Ci.-St.	—	—	—	Stars and moon shining through Ci.
,,	12	10	Ci.-St.	—	—	—	The anemometer on Vane Hill (not the direction) under-registering the mileage. The revolving can be heard a mile off.
,,	16	10	St.	—	—	—	Slightly snowing and drifting.
,,	20.20	10	St.	—	—	—	Snowing and drifting very slightly.
27	0.6	—	—	—	—	—	Low drift.
,,	4.7	—	—	—	—	—	Drifting.
,,	8.27	10	St.	—	—	—	Snowing and drifting moderately.
,,	12.10	10	St.	—	—	—	Snowing and drifting heavily.
,,	16.55	10	St.	—	—	—	Snowing and drifting moderately.
,,	20	10	St.	—	—	—	Snowing and drifting moderately.
,,	24	10	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

June—July, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
June, 1912.							
28	8.19	10	Ci.-St.	—	—	—	26° halo round moon. Stars visible.
,,	12.5	10	Ci.-St.	—	—	—	Erebus erupting; red glow visible; smoke SE 10 h. Halo 26° round moon. Thinly overcast.
,,	16.5	0	—	—	—	ENE	Column of smoke stretching 105° WSW.
,,	20	0	—	—	—	ENE	Ci.-St. to NE. Northerly wind.
,,	24	10	St.	—	—	SE	Light airs.
29	4.5	—	—	—	—	—	Wind N, force 3.
,,	8.19	10	St.	—	—	—	Wind turned S between 7 h. and 8 h. Slightly snowing. Nearly calm.
,,	12.10	10	St.	—	—	—	Overcast and nearly calm.
,,	16	10	A.-St., St.	—	—	—	18 h.: Wind turned to the northward.
,,	22.30	10	Ci.-St.	—	—	—	Started drifting at 20 h. Corona round moon.
,,	24	10	—	—	—	—	Ice gone out in North Bay.
30	4	6	—	—	—	—	
,,	8.19	10	Ci.-St., St.	—	—	—	Moon and stars visible. Slight surface drift.
,,	12.15	10	Ci.-St.	—	—	—	22° halo round the moon.
,,	16.10	10	Ci., Ci.-St.	—	—	—	22° halo (paraselena) round moon.
,,	20.30	0	—	—	—	—	Frost-smoke to N.
July, 1912.							
1	8.8	10	St.	—	—	—	Drifting moderately. Very strong gusts.
,,	12	10	St.	—	—	—	Drifting moderately. Very strong gusts.
,,	16.15	10	St.	—	—	—	Slight surface drift.
,,	20.5	10	St.	—	—	—	Moderate surface drift.
,,	24	10	—	—	—	—	Snow and drift.
2	4.5	10	—	—	—	—	Snow and drift.
,,	7.55	10	St.	—	—	—	Pretty thick. Snowing and drifting.
,,	12	10	St.	—	—	—	Pretty thick. Snowing and drifting.
,,	16	10	St.	—	—	—	Very thick. Blizzing.
,,	20	10	St.	—	—	—	Very thick. Blizzing. Sea breaking over the ice foot.
3	0.30	10	St.	—	—	—	Blizzing.
,,	4	5	St.	—	—	—	No drifting.
,,	8.22	10	St.	—	—	—	Open water towards Razor Back. Snowing.
,,	12.5	10	A.-St.	—	—	—	Snowing.

TABLE 62. METEOROLOGICAL JOURNAL.

JULY, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
JULY, 1912.							
3	16.5	10	A.-St.	—	—	—	Wind N about 13 h. Snowing.
,,	20.10	10	St.	—	—	—	Wind about 18 h. round to S. Moderate surface drift and slight snow.
,,	24	10	Ci.-St., St.	—	—	—	Wind less strong. Snowing; less drift.
4	4	10	—	—	—	—	Snow and very heavy drift. No moon.
,,	8.13	10	St.	—	—	—	Snowing and very thick.
,,	12	10	St.	—	—	—	Snowing and drifting moderately.
,,	16.5	10	St.	—	—	—	Moderate surface drift.
,,	20	10	St.	—	—	—	Moderate surface drift.
5	0.8	10	St.	—	—	—	Heavy drift and snowing.
,,	4.17	10	St.	—	—	—	Very heavy drift indeed.
,,	8.25	10	St.	—	—	—	Vane Hill hardly accessible. Very thick indeed. Masses of snow.
,,	12.10	10	—	—	—	—	Worse than ever. Drifting and snowing.
,,	16.10	10	—	—	—	—	Blizzing.
,,	20	10	—	—	—	—	Drifting very heavily. Snowing heavier than observed before in 1912.
6	0.5	10	—	—	—	—	Very heavy snow and drift.
,,	4.3	10	—	—	—	—	Very heavy snow and drift.
,,	7.56	10	—	—	—	—	Very heavy snow and drift. Giving Vane Hill a miss till 12 h.
,,	12	10	—	—	—	—	Still very thick indeed; snow and drift.
,,	16.45	10	—	—	—	—	Still very thick indeed; snow and drift.
,,	20.6	10	—	—	—	—	Very thick indeed. Drift and snowing heavily.
7	0.12	10	—	—	—	—	Snow and very heavy drift.
,,	4	10	—	—	—	—	Snow; rather less drift.
,,	8.6	10	St.	—	—	—	Still drifting and snowing very heavily. Wind over gale strength all night. Hut almost covered under snow.
,,	13.5	10	St.	—	—	—	Easing up a good deal.
,,	16.30	0	—	—	—	—	Slight surface drift. Clear all over.
,,	20.10	0	—	—	—	—	Very clear. Aurora over Erebus.
,,	24	0	—	—	—	—	Very clear.
8	4	2	St.	—	—	—	Hazy towards SE.
,,	8.12	8	Ci.-St., A.-St.	—	—	—	Clonding over.
,,	12	10	Ci.-St.	—	—	—	
,,	15	10	Ci.-St.	—	—	—	Gloomy to S. Surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1912.							
8	20	10	—	—	—	—	Moderate surface drift.
,,	23.55	10	St.	—	—	—	Very slight surface drift.
9	3.57	10	St.	—	—	—	Misty St. Slightly snowing.
,,	7.15	10	St.	—	—	—	Misty St. Slightly snowing.
,,	13.9	10	Ci.-St., St.	—	—	—	Misty St. Slightly snowing.
,,	16.10	10	St.	—	—	—	Slight surface drift.
,,	20.7	8	Ci.-St.	—	—	—	Clearing. Stars visible.
,,	24	—	—	—	—	—	Clear.
10	4	—	—	—	—	—	Clear.
,,	8.17	3	Ci.-St.	—	—	—	Moderate surface drift.
,,	12.30	10	St.	—	—	—	Slightly snowing.
,,	16.30	10	A.-St., Ci.-St.	—	—	—	
,,	20	10	A.-St., St.	—	—	—	Wind N at 19 h. Very gloomy.
,,	23.45	10	St.	—	—	—	N wind. Very slightly snowing.
11	4	10	—	—	—	—	N wind. Very slightly snowing.
,,	8.22	10	Ci.-St.	—	—	—	Calm. Looking out to snow.
,,	12.10	10	St.	—	—	—	Calm. Very slightly snowing.
,,	16	10	St.	—	—	—	The whole sky overcast and almost calm.
,,	20	10	St.	—	—	—	The wind shifting from S to N and round again.
,,	24	0	—	—	—	—	Light airs. NW clear.
12	4	0	—	—	—	—	Wind N, force 2 to 3. Clear.
,,	8.25	5	Ci.-St.	—	—	—	N wind. Partly clear.
,,	12.20	10	St., Ci.-St.	—	—	—	Nearly calm.
,,	16	10	St.	—	—	—	Slightly snowing. Stars visible through misty St.
,,	20	0	—	—	—	—	
13	0.13	0	—	—	—	—	Clear.
,,	4	0	—	—	—	—	Brght and clear. Faint aurora.
,,	8.25	5	Ci.	—	—	—	Cloudy to S. Anemometer taken down to be repaired.
,,	11.55	0	—	—	—	—	Nearly dead calm.
,,	16	10	St.	—	—	—	Very gloomy to S.
,,	20	10	St.	—	—	—	Wind getting up. Anemometer fixed.

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
July, 1912.							
13	24	10	—	—	—	—	Drifting pretty heavily.
14	4	10	—	—	—	—	Very slight surface drift.
,,	8.18	10	St.	—	—	—	Slight surface drift. Stars visible through misty St.
,,	11.53	10	St.	—	—	—	Moderate surface drift.
,,	16.10	0	—	—	—	—	Slight surface drift.
,,	20	0	—	—	—	—	Very clear. Slight surface drift.
,,	23.50	0	—	—	—	—	
15	4	10	St.	—	—	—	
,,	7.49	10	St.	—	—	—	Almost calm. Very thick to S.
,,	13	10	St.	—	—	—	Misty St. Slightly snowing. Wind NE.
,,	15.55	10	St.	—	—	—	Slightly snowing. Stars visible.
,,	19.57	0	—	—	—	—	Calm and clear.
,,	24	0	—	—	—	—	
16	4	0	—	—	—	—	
,,	8.21	0	—	—	—	—	Very clear and strong N wind.
,,	12.20	0	—	—	—	—	Clear and calm.
,,	15.55	0	—	—	—	—	Clear and calm.
,,	20.5	0	—	—	—	—	Faint aurora to SE.
,,	24	0	—	—	—	—	Faint aurora E and SE.
17	4	0	—	—	—	—	Aurora S and N.
,,	8.36	0	—	—	—	—	Clear and calm. Aurora curtain in SE.
,,	12	10	St.	—	—	—	Calm and overcast.
,,	16.3	0	—	—	—	—	St. to NW and NE. Calm.
,,	20.5	10	St.	—	—	—	Slightly snowing and dead calm. Stars visible through misty St.
18	0.5	10	St.	—	—	—	Stars visible through misty St. Slight snowfall and light southerly airs.
,,	4	10	St.	—	—	—	Stars visible through misty St. Slight snowfall.
,,	8.21	10	St.	—	—	—	Clearing to S. Misty St.
,,	12.5	5	St.	—	—	—	Moderate surface drift.
,,	16	0	—	—	—	—	Moderate surface drift. St. in N.
,,	20	10	St.	—	—	—	Slightly snowing and drifting. Bright stars visible through misty St.
,,	23.50	0	—	—	—	—	Slight surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1912.							
19	4.15	10	—	—	—	—	Moderate surface drift.
,,	8.45	10	St.	—	—	—	Slight surface drift. Misty St. and stars visible all over.
,,	12.15	0	—	—	—	—	Open water 400 yards N of Cape Evans. Slight surface drift. St. over Cape Barne.
,,	16	10	Ci.-St.	—	—	—	Corona round moon. Hazy.
,,	19.55	4	Ci.-St.	—	—	—	Corona round the moon.
,,	24	10	Ci., St.	—	—	—	Moon invisible.
20	4	10	Ci., St.	—	—	—	Surface drift.
,,	8.34	10	Ci.-St.	—	—	—	Surface drift. Stars visible.
,,	12.5	10	Ci.-St.	—	—	—	Moderate surface drift.
,,	16	10	Ci.-St.	—	—	—	Moderate surface drift.
,,	20	5	Ci.-St.	—	—	—	Clear to S. Slight surface drift.
,,	24	4	Ci.-St.	—	—	—	
21	4	6	St.	—	—	—	Clear overhead.
,,	8.17	0	—	—	—	—	Calm and clear. Aurora to S.
,,	11.55	10	Ci.	—	—	—	Calm.
,,	16.10	10	Ci.	—	—	—	Thinly overcast. Calm.
,,	19.55	10	Ci.St.	—	—	—	23° halo round moon. Thinly overcast.
,,	23.50	3	Ci.-St.	—	—	—	Ci.-St. to N. Wind SE 22 h.
22	3.55	10	Ci.	—	—	—	Thinly overcast. Wind variable to calm.
,,	8.7	10	St.	—	—	—	Thick to S. Blizzard approaching.
,,	12	5	Ci.-St.	—	—	—	Almost dead calm. Partly overcast.
,,	16	7	Ci.-St.	—	—	—	Thinly overcast. Calm.
,,	19.57	10	Ci.	—	—	—	Corona round moon. Calm.
23	0.12	10	St.	—	—	—	Overcast. Snow and low drift.
,,	4	10	St.	—	—	—	Blizzing heavily.
,,	8.22	10	St.	—	—	—	Moderate surface drift. Snowing.
,,	12.10	8	Ci.-St., St.	—	—	—	Clearing to N. Surface drift.
,	16.2	0	—	—	—	—	Clear and moonlight. Wind easing.
	20.15	0	—	—	—	—	Very clear and bright moonlight.
,,	24	0	—	—	—	—	Clear, bright moonlight.

TABLE 62. METEOROLOGICAL JOURNAL.

July, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
July, 1912.							
24	4	0	—	—	—	—	Low surface drift. Clear.
,,	8.24	7	St., Ci.-St.	—	—	—	Clear to N. St. to SE. Corona round moon.
,,	12.20	5	Ci.-St.	—	—	—	Clear to N. Ci.-St. to S.
,,	16.10	0	—	—	—	N	N. wind about 16 h.
,,	20.5	0	—	—	—	N	N wind and bright moonlight.
25	0.3	0	—	—	—	—	N. wind. No aurora. Clear.
,,	4.9	3	St.	—	—	—	Calm. Moon shining brightly.
,,	8.25	0	—	—	—	—	Very clear and bright moonlight. St. clouds in S. Wind getting up and temperature rising rapidly.
,,	11.55	10	St.				Started blizzing about 9 h. Ramp visible.
,,	16	10	St.	—	—	—	Moderate surface drift, but stars and moon plainly visible.
,,	20.10	10	St.	—	—	—	Very strong wind. Heavy drift, but moon visible. Probably snowing.
,,	24	10	—	—	—	—	Heavy drift.
26	4	10	—	—	—	—	Slight snow and drift. Wind N.
,,	8.16	10	St.	—	—	—	Wind variable. Slightly snowing. Moon shining.
,,	12.10	10	St.	—	—	—	Overcast and almost calm.
,,	16.10	10	St.	—	—	—	Slightly snowing. Stars visible.
,,	19.55	0	—	—	—	—	Bright moonlight and N wind.
,,	24	10	St.	—	—	—	N wind. Moderate surface drift and snowing.
27	4	10	St.	—	—	—	At 2 h.: started snowing heavily. At about 4 h.: wind turned to S. Heavy drift and snowfall.
,,	8.15	10	St.	—	—	—	Very strong wind indeed. The mark from Vane Hill not working (snow). Moderate drift. Probably snowing.
,,	12.3	10	St.	—	—	—	Drifting heavily.
,,	16.10	10	Ci.-St., St.	—	—	—	Very squally. Corona round moon. Snowing in the squalls.
,,	20.30	10	St.	—	—	—	Very thick. Snow and drift moderating.
,,	24	10	—	—	—	—	Drifting and snowing all night.
28	4	10	—	—	—	—	Drifting and snowing.
,,	8.12	10	St.	—	—	—	Very heavy squalls all night. In the squalls drifting and snowing heavily. Ice in North Bay gone out during night.
,,	12.10	10	Ci.-St., St.	—	—	—	Daylight very bright. Snowing and drifting. Very squally. Ci.-St. clouds to N.
,,	16.10	10	St.	—	—	—	Ramp visible. Moderate surface drift. Slightly snowing.
,,	20.40	10	Ci.-St., St.	—	—	—	Very squally. Moderate surface drift.
29	0.3	10	—	—	—	—	Drifting.
,,	4	5	—	—	—	—	Snowing.

TABLE 62. METEOROLOGICAL JOURNAL.

July—August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
July, 1912.							
29	8.24	10	St.	—	—	—	Thick to the S. Moon shining through
,,	12.5	10	St.	—	—	—	Slight S breeze. Overcast.
,,	16.20	10	St.	—	—	—	Surface drift and slightly snowing.
,,	19.50	10	Ci.-St., St.	—	—	—	St. over Erebus. Corona round moon. Moderate surface drift. Squally.
,,	24	10	—	—	—	—	Little drift. Moon just showing.
30	4	10	Ci.-St., St.	—	—	—	Heavy drift and snow.
,,	8.27	10	Ci.-St., St.	—	—	—	Clear moonshine through drift.
,,	12.5	10	Ci.-St., St.	—	—	—	Drifting heavily. Corona round moon.
,,	16.10	10	St.	—	—	—	Moderate snowfall and surface drift.
,,	20.10	10	St.	—	—	—	Heavy surface drift.
31	0.7	10	St.	—	—	—	Surface drift. Less wind. Moon and few stars visible.
,,	4.20	10	St.	—	—	—	Moon shining. Generally overcast. Surface drift.
,,	8.22	10	St.	—	—	—	Wind easing up. Overcast.
,,	11.55	10	St.	—	—	—	Bright daylight. Coloured St. clouds to N. SE wind.
,,	15.50	10	St.	—	—	—	Overcast. S wind.
,,	20.20	0	—	—	—	—	Cleared off about 17 h. S wind and bright moonlight.
,,	24	0	—	—	—	—	
August, 1912.							
1	4.5	0	—	—	—	—	
,,	8.9	0	—	—	—	—	Moderate surface drift.
,,	11.55	0	—	—	—	—	Moderate surface drift.
,,	16	0	—	—	—	—	Moderate surface drift. Clear.
,,	20	0	St.	—	—	—	Surface drift ; aurora ; clear all over.
,,	24	1	St.	—	—	—	Surface drift.
2	4	0	—	—	—	—	Surface drift.
,,	8.18	0	—	—	—	—	Slight surface drift. Bright moonlight. SE wind.
,,	12.5	0	—	—	—	—	Clear and calm. Frost-smoke in North Bay.
,,	16.5	0	—	—	—	—	Wind sprung up. Frost-smoke and slight drift.
,,	19.50	0	—	—	—	—	S breeze. Slight surface drift.
,,	24	2	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1912.							
3	4	2	St.	—	—	—	Surface drift.
,,	8.17	10	Ci.-St.	—	—	—	Whale-back clouds over Erebus. S breeze.
,,	12.5	0	—	—	—	—	Frost-smoke to N.
,,	17	5	Ci.	—	—	—	Slight surface drift.
,,	20.10	10	Ci.-St.	—	—	—	Very gloomy. Slight surface drift.
,,	23.55	10	Ci.-St.	—	—	—	Stars visible. No aurora.
4	4.20	0	—	—	—	—	Clear. No aurora.
,,	7.40	5	Ci.-St.	—	—	—	Partly overcast. Surface drift.
,,	12	0	—	—	—	—	
,,	15.55	5	Ci.-St.	—	—	—	Partly overcast. Slight surface drift.
,,	20.20	5	Ci.-St.	—	—	—	Partly clear. Aurora arch to N.
,,	24	10	St.	—	—	—	Partly clear. Low drift.
5	4	10	St.	—	—	—	Partly clear. Low drift.
,,	8.24	10	St.	—	—	—	Surface drift and slightly snowing.
,,	12.10	10	St.	—	—	—	Surface drift and slightly snowing.
,,	16.10	10	St.	—	—	—	Blizzing ; moderate drift and snowfall.
,,	20.10	10	St.	—	—	—	Blizzing ; moderate drift and snowfall.
,,	24	10	St.	—	—	—	Blizzard.
6	4	10	St.	—	—	—	Blizzard.
,,	8.14	10	St.	—	—	—	Drifting and snowing heavily.
,,	12.5	10	St.	—	—	—	Moderate surface drift. Slightly snowing.
,,	16.7	10	St.	—	—	—	Easing up. Squally ; surface drift.
,,	20.7	10	St.	—	—	—	Very thick again. Snowing and drifting. moderately.
,,	24	10	St.	—	—	—	Very thick ; snowing and drifting ; heavy squalls.
7	4.5	10	St.	—	—	—	Very thick ; snowing and drifting ; heavy squalls.
,,	8.29	10	St.	—	—	—	Very thick ; snowing heavily, large flakes ; moderate drift.
,,	12.25	10	St.	—	—	—	Easing up. Squally, with snow and drift.
,,	16.23	10	St.	—	—	—	Wind less. Drift and snow, large flakes.
,,	20.20	10	St.	—	—	—	Wind gone down. Snowing large flakes.
,,	23.55	10	—	—	—	—	Wind strong again. Drifting and snowing heavily.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1912.							
8	4.10	10	—	—	—	—	Wind strong. Drifting and snowing.
,,	8.25	10	St.	—	—	—	Drifting and snowing moderately.
,,	12.5	10	St.	—	—	—	Drifting and snowing moderately.
,,	16.5	10	St.	—	—	—	Easing up. Not much drift and snow.
,,	19.55	10	St.	—	—	—	Few bright stars visible. Snowing (large flakes) and drifting.
,,	24	0	—	—	—	—	Clear.
9	4	0	—	—	—	—	Clear, but surface drift.
,,	8.9	4	St.	—	—	SE	Slight surface drift. St. to SE.
,,	12.15	4	Ci.-St.	—	—	—	Very slight surface drift.
,,	16	1	St.	—	—	—	Calm.
,,	19.55	5	Ci.	—	—	—	Calm.
,,	24	0	—	—	—	—	Clear all night.
10	4	0	—	—	—	—	Clear all night.
,,	8.53	10	Ci.-St., St.	—	—	—	Slightly snowing and drifting.
,,	12.3	10	A.-St.	—	—	—	Surface drift. Clear to N.
,,	15.50	10	Ci.-St., St.	—	—	—	Slight surface drift.
,,	21.3	0	—	—	—	—	N wind. St. to N.
,,	24	0	—	—	—	—	St. over Cape Barne.
11	4	0	—	—	—	—	St. over Cape Barne.
,,	8.17	5	Ci.-St., St.	—	—	—	Very clear from Zenith to N and E, but St. to S and W. N breeze.
,,	11.57	10	St.	—	—	—	Wind easing up. Overcast all over.
,,	16.30	10	St.	—	—	—	N wind.
,,	20.3	10	St.	—	—	—	Overcast. N wind.
,,	23.58	10	St.	—	—	—	Light S wind. Overcast.
12	4	10	St.	—	—	—	Less overcast. Light S wind.
,,	8.21	0	—	—	—	—	Very clear. Light breeze on Vane Hill.
,,	11.55	0	—	—	—	—	Light S breeze. St. over slopes of Erebus.
,,	15.50	10	St.	—	—	—	Very gloomy to S.
,,	19.57	10	St.	—	—	—	Stars visible through misty St.
13	0.16	10	St.	—	—	—	A few stars visible. Calm.
,,	4.21	0	—	—	—	—	Bright and clear. N wind since 3 h.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1912.							
13	8.33	0	—	—	—	—	St. to SE. Clear and calm
,,	11.53	10	Ci., St.	—	—	—	Overcast. Slight S breeze.
,,	16.15	10	Ci.-St., St.	—	—	—	Overcast. Slight S breeze.
,,	19.57	10	Ci.	—	—	—	Stars visible. Calm.
,,	23.55	0	—	—	—	—	Calm.
14	4.35	0	—	—	—	—	Calm. Clear except below altitude 8°.
,,	8.50	10	St.	—	—	—	Moderate surface drift. Started drifting and snowing at 8 h.
,,	12.5	10	A.-St.	—	—	—	Slight surface drift. Open water.
,,	15.45	10	A.-St.	—	—	—	Clear to N. Thick to S.
,,	19.50	10	St., Ci.-St.	—	—	—	Very gloomy. Coming on to blizz.
,,	23.57	10	St.	—	—	—	Snowing heavily (large flakes). N breeze.
15	3.50	10	St.	—	—	—	Snowing (large flakes) from N.
,,	7.20	10	St.	—	—	—	Wind round to S about 6 h. 30 m. and started drifting immediately. Pretty thick.
,,	11.57	10	St.	—	—	—	Thick; snowing and drifting slightly.
,,	16.5	10	St.	—	—	—	Still thick; clearing overhead.
,,	20.5	3	Ci.-St.	—	—	—	Cleared; slight surface drift.
16	0.50	5	St.	—	—	—	Drift.
,,	4	2	St.	—	—	—	Blowing from N.
,,	8.36	8	Ci.-St., St.	—	—	—	St. over Erebus. S breeze.
,,	12.7	10	St.	—	—	—	Drifting and snowing heavily; thick.
,,	16.7	10	St.	—	—	—	Drifting and snowing heavily.
,,	20	10	St.	—	—	—	Drifting and snowing heavily.
,,	24	3	St.	—	—	—	Moderate surface drift.
17	4	10	—	—	—	—	Surface drift.
,,	8.39	10	St.	—	—	—	Moderate surface drift. Thick weather.
,,	12.10	10	St.	—	—	—	Very thick; snowing and drifting.
,,	16.10	10	St.	—	—	—	Very thick; snowing and drifting.
,,	20.5	10	St.	—	—	—	Stars dimly visible. Moderate drift; slightly snowing.
,,	24	—	—	—	—	—	Bright and clear. Low drift.
18	4	—	—	—	—	—	Slightly overcast. Low drift.
,,	8.18	5	Ci., Ci.-St.	—	—	—	Ci.-St. round the moon. Very clear to N. Slight surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1912.							
18	12.35	3	Ci.-St.	—	—	—	St. to N. Sun shining on summit of Erebus.
,,	15.57	10	A.-St.	—	—	—	N wind. Looks like snow.
,,	20.15	10	A.-St.	—	—	—	Overcast and N breeze.
,,	23.50	10	A.-St.	—	—	—	Overcast and N wind.
19	4.5	10	A.-St.	—	—	—	N breeze. Sky clearing in N.
,,	8.11	10	A.-St.	—	—	—	N breeze. Ice in North Bay.
,,	12.20	10	A.-St., St.	—	—	—	N breeze. Gloomy all round.
,,	16	10	St.	—	—	—	N wind. Slightly snowing.
,,	19.55	10	A.-St.	—	—	—	NE breeze. Overcast.
,,	24	8	A.-St.	—	—	—	Clear overhead and S. Light SE wind. Overcast to N.
20	4	5	A.-St.	—	—	—	Light S.E wind. Overcast; snowing slightly.
,,	8.15	10	Ci.	—	—	—	Corona round moon. Slight breeze.
,,	12.5	10	St.	—	—	—	Started drifting. Misty St.
,,	16.5	10	St.	—	—	—	Misty St. Slight surface drift.
,,	20	10	St.	—	—	—	Misty St. Stars and Moon shining through.
,,	24	10	—	—	—	—	Misty St.: moon, no stars.
21	4	10	—	—	—	—	Misty St.; moon, no stars.
,,	8.37	10	St.	—	—	—	Moderate drift. Ice in North Bay gone.
,,	12	10	St.	—	—	—	Thick drift; snowing.
,,	16	10	St.	—	—	—	Very thick: snowing.
,,	20.10	10	St.	—	—	—	Misty St. Easing up a little. Moon shining through.
22	0.2	10	—	—	—	—	Overcast; snowing and drifting all night.
,,	4	10	—	—	—	—	
,,	8.27	10	St.	—	—	—	Thick weather; moderate snowfall and drift.
,,	12.5	10	St.	—	—	—	Thick weather. Moderate snowfall and drift.
,,	16.25	10	A.-St.	—	—	—	Easing up a little. Surface drift.
,,	20.5	10	A.-St.	—	—	—	Surface drift. Clearing to N.
,,	24	10	St.	—	—	—	Snowing and drifting moderately.
23	4	10	—	—	—	—	Snowing and drifting moderately.
,,	9.29	10	St.	—	—	—	Surface drift. Clear to N.W.
,,	12.3	10	A.-St.	—	—	—	Slight surface drift. Clear to NW. High tide.

TABLE 62. METEOROLOGICAL JOURNAL.

August, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
August, 1912.							
23	15.57	0	—	—	—	—	Ci.-St. to NE and N. Sun shining on Erebus. The sun visible from the Ramp.
,,	20	10	Ci.-St.	—	—	—	Variable slight breeze. Overcast.
,,	24	10	Ci.-St.	—	—	—	Overcast; aurora.
24	4	10	Ci.-St.	—	—	—	
,,	8.25	10	A.-St., St.	—	—	—	N breeze. Very slightly snowing. Thick to S. Overcast.
,,	12.12	10	St.	—	—	—	Light S breeze. Slightly snowing.
,,	16.5	10	St.	—	—	—	Wind very variable all day. From about 13 h. fresh N breeze. Slightly snowing.
,,	20	10	A.-St.	—	—	—	N breeze; all sky overcast.
25	0.4	10	—	—	—	—	Slight S breeze. Overcast.
,,	4.1	10	—	—	—	—	Slight S breeze. Overcast.
,,	8.5	10	A.-St.	—	—	—	Overcast. Slight breeze.
,,	11.55	10	A.-St.	—	—	—	Overcast. Frost-smoke. Slight breeze.
,,	16.3	10	A.-St.	—	—	—	Very light S breeze. Overcast.
,,	20.10	10	A.-St.	—	—	—	Overcast; nearly calm.
26	0.5	10	A.-St.	—	—	—	Overcast and calm.
,,	4.5	10	A.-St.	—	—	—	Overcast, with S breeze. Moon visible.
,,	8.27	10	St., A.-St.	—	—	—	Sun-recorder put up. Overcast and almost calm.
,,	12	10	St., A.-St.	—	—	—	Overcast and almost calm.
,,	16.3	10	A.-St.	—	—	—	Overcast and almost calm.
,,	19.57	10	A.-St.	—	—	—	Moon visible through clouds.
27	0.5	10	St., A.-St.	—	—	—	
,,	4.15	0	—	—	—	—	
,,	7.22	10	Ci.	—	—	—	Corona round moon. Ice in North Bay. Wind got up at 8 h. and started surface drifting.
,,	12.5	0	—	—	—	—	Clear and almost calm.
,,	16.2	0	—	—	—	—	Clear and slight S breeze.
,,	20.25	10	Ci.	—	—	—	Moonlight and nearly calm.
,,	24	0	—	—	—	—	Moonlight and N breeze.
28	4	10	Ci.-St.	—	—	—	Moonlight and S breeze.
,,	8.19	10	Ci., Ci.-St.	—	—	—	Surface drift. Misty to S.
,,	12	10	A.-St.	—	—	—	Slight surface drift.
,,	16.15	10	St., A.-St.	—	—	—	Slight surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

August—September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
August, 1912.							
28	20.10	3	A.-St.	—	—	—	A.-St. over Erebus. Almost calm.
,,	24	1	A.-St.	—	—	—	Clear and moonlight all night.
29	4	2	A.-St.	—	—	—	
,,	8.33	0	—	—	—	—	Calm and clear.
,,	12.53	10	Ci.	—	—	—	At 12 h. 30 m. a distinct Earth shadow along the W side of Erebus. Debenham taken a good negative. Light value (apparent noon) 60 W. Ac.
,,	15.55	7	Ci.-St.	—	—	—	Cloudy to W. Slight breeze.
,,	20.5	3	Ci.-St.	—	—	—	Ci.-St. to SE. Light breeze.
30	0.15	0	—	—	—	—	Glorious moonlight. Calm.
,,	3.55	10	Ci.	—	—	—	Faint halo round the moon.
,,	8.32	10	Ci.-St.	—	—	—	Slight breeze on Vane Hill: dead calm at Hut. Overcast. Moon visible.
,,	13.30	10	A.-St.	—	—	—	Gloomy all round. Blizzard.
,,	16.30	10	A.-St.	—	—	—	Started surface drifting at about 14 h.
,,	19.50	10	St.	—	—	—	Stars partly visible. Surface drift and slight snowfall.
31	0.5	10	St.	—	—	—	Surface drift and overcast.
,,	4.7	10	—	—	—	—	Thick all round. Blizzard started about 2 h.
,,	8.33	10	St.	—	—	—	Squally. In the squalls thick. Moderate surface drift. Ice gone in North Bay.
,,	12.5	10	St.	—	—	—	Slight surface drift. Overcast.
,,	16.15	10	St.	—	—	—	Slight surface drift. Overcast.
,,	20.5	10	St.	—	—	—	Moderate surface drift and snowing.
,,	24	—	—	—	—	—	Clear sky. Light surface drift.
September, 1912.							
1	4	—	—	—	—	—	Surface drift. Clear.
,,	8.27	8	Ci.-St., A.-St.	—	—	—	Clear to N.
,,	12.7	3	Ci. A.-St.	—	—	—	A band of A.-St. to S and A.-St. over Erebus. Slight surface drift.
,,	16	0	—	—	—	—	Sun shining bright. Surface drift.
,,	20.3	0	—	—	—	—	Very clear and wind easing up.
,,	24.0	0	—	—	—	—	Light SE wind.
2	4	3	Ci.-St.	—	—	—	
,,	8.19	10	Ci.-St., A.-St.	—	—	—	Light surface drift. Thick to S.
,,	11.55	5	Ci.-St., A.-St.	—	—	—	A.-St. over Erebus. Sun shining.
,,	16.50	0	—	—	—	—	Slight S breeze. Clear.

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1912.							
2	19.57	2	A.-St.	—	—	—	Strong N wind at 18 h; S again at 20 h. 10 m. Iridescent clouds, orange, green, blue. 30° from sun 18 h.
,,	24	0	—	—	—	—	Bright and clear.
3	4	0	—	—	—	—	Clear. Aurora to NE.
,,	8.15	3	Ci.	—	—	—	Haze over W. Light breeze.
,,	12.5	0	—	—	—	—	Clear and bright sunshine.
,,	16.7	0	—	—	—	—	Clear and sunshine. At 15 h. 30 m. very fine iridescent clouds to NW, 20°-30° from the sun.
,,	20.10	2	A.-St.	—	—	—	At about 19 h. a N breeze.
,,	24	0	—	—	—	—	Clear all night.
4	4	0	—	—	—	—	Clear all night.
,,	8.20	3	Ci., Ci.-St.	—	—	—	Ci.-St. clouds to N.
,,	12.7	10	Ci.-St.	—	—	—	Gloomy to N. Wind S.
,,	16	5	Ci.-St.	—	—	—	N wind. Ci.-St. to W.
,,	20.10	4	Ci.-St.	—	—	—	Ci.-St. to NW. Light breeze.
5	8.23	10	Ci., A.-St.	—	—	—	Ice moving in North Bay. Whale-back clouds over Erebus. Slight surface drift.
,,	12.10	10	A.-St.	—	—	—	Whale-back clouds over Erebus. Increasing surface drift. Sun shining through.
,,	16.15	10	A.-St.	—	—	—	Whale-back clouds over Erebus and to N.
,,	20.50	10	A.-St.	—	—	—	Overcast and blowing.
,,	24	10	St.	—	—	—	Surface drift.
6	4	10	A.-St.	—	—	—	Surface drift.
,,	8.33	0	—	—	—	—	Fresh breeze; slight surface drift.
,,	12.9	0	—	—	—	—	Slight surface drift.
,,	16.50	0	—	—	—	SW	
,,	20	0	—	—	—	—	
7	0.2	0	—	—	—	—	Clear. No aurora.
,,	4	0	—	—	—	—	Clear. Aurora.
,,	8.20	1	St.	—	—	—	
,,	12	1	St.	—	—	W	
,,	15.57	7	St.	—	—	—	Overcasting from SE.
,,	20.15	10	St.	—	—	—	
,,	24	0	—	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
September, 1912.							
8	4	0	—	—	—	—	
,,	8.23	0	—	—	—	S	
,,	13.25	0	—	—	—	S	
,,	16.15	0	—	—	—	S	
,,	20.25	0	—	—	—	—	
9	0.10	0	—	—	—	—	
,,	4.15	0	—	—	—	—	
,,	7.9	0	—	—	—	N	Very clear and almost calm.
,,	12.45	1	Ci.-St.	—	—	—	Clear except to N. Calm.
,,	15.58	10	Ci.	—	—	—	Clear except to N. Calm.
,,	21	2	Ci.	—	—	—	
,,	24	1	Ci.	—	—	—	
10	4	0	—	—	—	—	
,,	8.31	5	Ci., Ci.-St.	—	—	—	Started drifting slightly at 8 h. 30 m. Temperature rapidly rising.
,,	12.16	7	Ci., Ci.-St.	—	—	—	Slight surface drift.
,,	15.55	10	Ci.-St., A.-St.	—	—	—	Slight surface drift. A.-St. over Erebus.
,,	20	10	A.-St., St.	—	—	—	Clear over Western Mountains. Slightly snowing.
,,	24	10	Ci.	—	—	—	No drift.
11	4	10	Ci., St.	—	—	—	N. wind.
,,	8.22	8	A.-St., Ci.-St.	—	—	—	Clear to S and SE. A.-St. over Erebus.
,,	12	10	A.-Cu.	—	—	NE	Slight S breeze. Sun shining through. At 10 h. brilliant. Earth shadow. Good photos taken.
,,	16	0	—	—	—	NE	Low clouds to SW and W, with tops of mountains showing above.
,,	20.10	10	A.-Cu.	—	—	—	Wind getting up. Overcast.
,,	24	10	Ci.-St.	—	—	—	Overcast.
12	4.35	—	—	—	—	—	Clear overhead. Wind and drift below.
,,	8.27	5	Ci.-St., A.-St.	—	—	—	Low drift. Ice gone out in North Bay.
,,	11.57	10	A.-St.	—	—	—	Moderate surface drift.
,,	15.56	10	A.-St., St.	—	—	—	Light surface drift and snowfall.
,,	19.55	10	St.	—	—	—	Slightly snowing and surface drift. Misty St.; stars visible.
,,	24	10	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1912.							
13	4	10	—	—	—	—	
,,	8.18	10	A.-St., St.	—	—	NNW	Misty St. Erebus visible through.
,,	12	10	S_c., A.-St.	—	—	—	Light surface drift.
,,	16.10	10	Ci.-St.	—	—	—	Light surface drift. At 13 h. 15 m. 23° halo with a mock sun.
,,	19.57	4	Ci.-St.	—	—	—	Slight surface drift. New moon.
,,	24	—	—	—	—	—	Drift.
14	4	—	—	—	—	—	Drift.
,,	8.18	10	A.-St., Ci.-St.	—	—	—	Gloomy to S and W. Frost-smoke to N. Northern slopes of Erebus visible.
,,	11.53	10	Ci.-St., A.-St.	—	—	N	At 11 h. 23° halo round sun. A.-St. over the W and Erebus. Almost calm.
,,	16.10	10	A.-St.	—	—	—	Overcast and slight N breeze.
,,	20.10	10	A.-St.	—	—	—	Overcast and slight S breeze.
15	0.2	8	A.-St.	—	—	—	Clear overhead. Light N breeze.
,,	4	3	A.-St.	—	—	—	Clear. Light N wind.
,,	8.14	10	A.-St.	—	—	—	Overcast and very dull.
,,	11.50	10	A.-St.	—	—	—	Slight surface drift. Misty.
,,	15.50	10	A.-St.	—	—	—	Almost calm; drift; misty.
,,	20.30	10	Ci.-St.	—	—	—	Snowing and drifting a little; quite thick.
,,	24	10	—	—	—	—	Snowing and drifting a little; quite thick.
16	4	10	—	—	—	—	Snowing and drifting a little; quite thick.
,,	8.6	10	St.	—	—	—	Squally; snowing and drifting moderately; quite thick.
,,	12	10	St.	—	—	—	Squally; snowing and drifting moderately; quite thick.
,,	16	10	St.	—	—	—	Very thick. Snowing and drifting moderately.
,,	20.10	10	St.	—	—	—	Easing up a little. Stars visible.
,,	24	10	—	—	—	—	Overcast and blizzing.
17	4	10	—	—	—	—	Overcast and blizzing.
,,	8	10	A.-St., St.	—	—	—	Surface drift. Frost-smoke to N.
,,	12	10	A.-St., St.	—	—	—	Surface drift. Frost-smoke to N.
,,	16	5	A.-St.	—	—	—	Surface drift. Sun dimly through cloud.
,,	20.5	10	Ci.-St., A.-St.	—	—	—	Very slight surface drift. Stars visible.
,,	24	0	—	—	—	—	Clear.

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
September, 1912.							
18	4	0	—	—	—	—	Clear.
,,	8.16	0	—	—	—	N	Very clear. Light E breeze on Vane Hill.
,,	13.20	10	Ci.	—	—	—	Light N breeze. A band of Ci.-St. to W.
,,	16.10	10	Ci., Ci.-St.	—	—	—	Light N breeze. Clouded.
,,	20.5	10	Ci.-St., A.-St.	—	—	—	S breeze. Clear over Western Mountains.
19	0.3	10	—	—	—	—	Overcast.
,,	3.55	10	—	—	—	—	Overcast. Slightly snowing.
,,	8.23	10	St.	—	—	—	Surface drift and snowing. Ice in North Bay gone.
,,	12	10	St.	—	—	—	Quite thick. Snowing and drifting.
,,	15.20	10	St.	—	—	—	Thick. Snowing and drifting heavily.
,,	19.50	10	St.	—	—	—	Moderate surface drift. Moon dimly visible.
,,	23.55	10	St.	—	—	—	Drifting heavily. Moon dimly visible.
20	3.57	10	St.	—	—	—	Less wind, but heavy snowfall.
,,	7.45	10	St.	—	—	—	Drifting and snowing heavily.
,,	11.5	10	St.	—	—	—	Overcast and dull. Ramp partly visible.
,,	16.20	10	A.-St.	—	—	—	Overcast. Brightening to S.
,,	19.55	10	A.-St.	—	—	—	Very dull. Almost calm.
,,	24	5	A.-St.	—	—	—	Halo round moon.
21	4	10	St.	—	—	—	
,,	8.29	10	St.	—	—	—	Very hazy and dull. Snowing and drifting a little.
,,	12.15	10	St.	—	—	E	Misty St. Drifting and snowing a little.
,,	16.7	10	Ci.-St., A.-St.	—	—	SE	Sun shining bright. Drifting a little.
,,	20.7	10	A.-St., Ci.-St.	—	—	—	Light S breeze. A.-St. over Erebus. Lunar corona.
,,	23.45	7	A.-St.	—	—	—	Lunar corona.
22	4.35	8	A.-St.	—	—	NW	
,,	8.50	1	Ci.-St.	—	—	—	Slight S breeze getting up.
,,	12.20	1	Ci.-St.	—	—	SSE	Very slight S breeze getting up. Bright sunshine.
,,	16.10	10	Ci.	—	—	—	S breeze and surface drift.
,,	20.25	0	—	—	—	S	Surface drift. Very clear.
,,	24	9	A.-St.	—	—	—	Surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

September, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1912.							
23	4	10	A.-St., St.	—	—	—	Rather more drift.
,,	8	10	St.	—	—	—	Squally. All ice gone in North Bay. Surface drift and snowing.
,,	12.5	10	Ci.-St., A.-St.	—	—	—	Sun breaking through. Surface drift.
,,	16.7	10	Ci.-St., A.-St.	—	—	—	Squally and surface drifting.
,,	20.30	0	—	—	—	—	Low surface drift.
24	0.8	0	—	—	—	—	Clear moonlight. Slight surface drift.
,,	4	2	Ci.-St.	—	—	NW	Lunar corona. White mist on S slopes of Erebus.
,,	8.17	0	—	—	—	—	Calm and clear.
,,	13.16	0	—	—	—	—	Calm and clear.
,,	16.30	10	A.-St.	—	—	—	Overcast from SE.
,,	20.58	10	A.-St.	—	—	—	Overcast. Thin A.-St.
25	0.10	1	St.	—	—	—	Wind rising.
,,	4	1	St.	—	—	—	
,,	8.20	8	A.-St.	—	—	NE	
,,	12.40	5	A.-St.	—	—	E	
,,	16.20	0	—	—	—	—	Smoke from Erebus very variable in direction.
,,	20.25	10	A.-St., St.	—	—	—	
26	8.15	10	A.-St.	—	—	—	
,,	11.35	0	—	—	—	—	
,,	16	0	—	—	—	S	
,,	20.30	10	A.-St.	—	—	—	Erebus obscured. S breeze.
,,	24	—	—	—	—	—	Clear. Moon shining. A partial eclipse of moon about midnight very distinct.
27	4	—	—	—	—	—	Clear. Moon shining. Calm.
,,	8.28	0	—	—		SE	Clear and bright sunshine.
,,	13	10	Ci.	—	—	—	Light E breeze. Top of Erebus covered in A.-St.
,,	16.30	10	A.-St.	—	—	—	Very dull. Light S breeze.
,,	20.10	10	A.-St.	—	—	—	Strong wind ; surface drift.
,,	24	—	—	—	—	—	Strong wind ; surface drift.
28	4	—	—	—	—	—	Strong wind ; surface drift.
,,	8.35	10	Ci.-St., A.-St.	—	—	—	Surface drift. Lightly overcast to N.
,,	12.30	0	—	—	—	—	Surface drift. Lightly overcast to N.

TABLE 62. METEOROLOGICAL JOURNAL.

September—October, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
September, 1912.							
28	16.2	0	—	—	—	—	Surface drift. A.-St. over Barne Glacier.
,,	20 ?	4	A.-St.	—	—	—	Surface drift. A.-St. over Barne Glacier.
,,	24	8	—	—	—	—	Surface drift.
29	4	—	—	—	—	—	Surface drift. Partly overcast.
,,	7.53	3	Ci.	—	—	S	Clear. Ci. to SE. Ice in North Bay.
,,	13.1	10	A.-St.	—	—	—	Completely overcast. Slight surface drift.
,,	16.30	10	Ci.-St.	—	—	—	Surface drift.
,,	20.10	10	Ci.-St., A.-St.	—	—	—	Clear over Western Mountains.
,,	24	10	—	—	—	—	
30	4	5	—	—	—	—	
,,	8.10	10	A.-St.	—	—	—	Dull and hazy all round. Drifting to S.
,,	13.20	10	St.	—	—	—	Surface drift and gloomy.
,,	16	10	St.	—	—	—	Drifting and snowing. Very thick.
,,	20.10	10	St.	—	—	—	Drifting and snowing. Very thick.
October, 1912.							
1	8.15	10	Ci., Ci.-St.	—	—	—	Moderate surface drift.
,,	12.10	0	—	—	—	—	Barometer very unsteady, pumping. Drifting heavily. Very strong wind.
,,	16.10	0	—	—	—	—	Heavy surface drift.
,,	20.20	5	A.-St.	—	—	—	Very squally and heavy surface drift. Sometimes clear round hut, but 100 yds. away very thick drift. Height of drift about 20 yds.
,,	24	5	A.-St.	—	—	—	Clear and calm overhead. Beyond Inaccessible Island very thick and high drift, 300 to 400 ft. high. Hear the wind.
2	4	5	A.-St.	—	—	—	
,,	8.22	10	A.-St.	—	—	—	Dull to S. Thick to W, but summits of mountains clear.
,,	12.10	10	A.-St.	—	—	—	Overcast and dull.
,,	16.50	10	A.-St.	—	—	—	Very dull. Clear over Western Mountains.
,,	20.5	10	A.-St., St.	—	—	—	Very dull. Clear over Western Mountains. Slightly snowing.
,,	23.55	10	A.-St., St.	—	—	—	Very dull. Slightly snowing.
3	4	0	—	—	—	—	Clear and light breeze from SW.
,,	7.10	0	—	—	—	SE	Clear and N breeze. Haze to S and W.
,,	12.15	0	—	—	—	—	Clear and N breeze.
,,	16.7	0	—	—	—	—	Clear and N breeze.
,,	20	0	—	—	—	—	Clear and calm.

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
October, 1912.							
4	0.30	0	—	—	—	S	Clear and calm.
,,	4.30	1	Ci.-St.	—	—	S	Clear and calm. Long smoke cloud from Erebus.
,,	8.19	10	A.-St., St.	—	—	—	Very dull to S, SE and E. Erebus obscured.
,,	11.50	10	A.-St., St.	—	—	—	Temperature rapidly rising. Very gloomy. Wind getting stronger.
,,	16.20	10	St.	—	—	—	Coming on thick. Snowing slightly.
,,	19.55	10	St.	—	—	—	Quite thick. Snowing and drifting a little.
5	0.5	10	—	—	—	—	Moderate snow and drift.
,,	4.5	10	—	—	—	—	Moderate snow and drift.
,,	7.3	10	St.	—	—	—	Snowing a little. Very dull.
,,	12.35	10	St.	—	—	—	Quite thick. Snowing.
,,	16	10	St.	—	—	—	Quite thick. Snowing.
,,	21.40	10	St.	—	—	—	Quite thick. Snowing and drifting a little.
,,	24	10	St.	—	—	—	Moderate drift.
6	4	10	St.	—	—	—	Little drift.
,,	8.12	10	St.	—	—	—	Very dull. Little surface drift.
,,	12.5	10	St.	—	—	—	Very dull. Snowing and drifting a little.
,,	15.45	10	St.	—	—	—	Very dull. Snowing a little.
,,	20.13	10	St.	—	—	—	Very dull.
7	0.5	10	St.	—	—	S	Clearing.
,,	4.7	10	St.	—	—	—	Overcast generally. Slight S wind.
,,	8.10	10	A.-St., St.	—	—	—	Very dull and calm.
,,	12.10	10	St.	—	—	—	Very dull and calm.
,,	16.40	10	St.	—	—	—	Very dull and calm.
,,	21.10	10	St.	—	—	—	Snowing a little. Calm.
,,	24	10	St.	—	—	—	Large flakes of snow.
8	4	10	St.	—	—	—	Snowing heavily; large single crystals, larger than $\frac{1}{8}$ inch.
,,	8.12	10	A.-St., St.	—	—	—	Gloomy to S. About 2 inches of snow.
,,	12.10	10	A.-St., St.	—	—	—	Very dull and gloomy.
,,	16.15	10	A.-St., St.	—	—	—	Very dull and gloomy.
,,	20	—	—	—	—	—	Very dull and gloomy.
,,	23.55	—	—	—	—	—	Calm. Overhead clear.

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
October, 1912.							
9	8.22	8	A.-St., St.	—	—	—	Sunshine at Cape Evans. Clear to N but very gloomy to S.
,,	12.30	3	A.-St.	—	—	—	Slight surface drift.
,,	17.20	7	Ci.-St., A.-St.	—	—	S	Light S breeze.
,,	20.10	10	A.-St.	—	—	—	Light S breeze.
10	0.20	10	Ci.-St.	—	—	—	Light S breeze.
,,	4.11	10	St.	—	—	—	S wind and slight snowfall.
,,	8.20	10	St.	—	—	—	Very thick to S. N breeze.
,,	12.10	10	St.	—	—	—	Very thick to S.
,,	16.12	10	St.	—	—	—	Very dull and quite thick. S breeze.
,,	19.40	10	St.	—	—	—	Surface drift and snowing a little.
11	0.1	10	St.	—	—	—	Surface drift. Overcast.
,,	4.3	10	St.	—	—	—	Surface drift. Overcast.
,,	7.38	10	A.-St.	—	—	—	Clear over the Bluff. Quite dull.
,,	12.15	10	A.-St.	—	—	—	Clear over Western Mountains. Quite dull.
,,	15.50	5	Ci.-St.	—	—	—	N breeze and slight surface drift.
,,	20.15	5	Ci.-St, A.-St.	—	—	—	N breeze.
,,	24	8	—	—	—	—	N breeze and overcast.
12	4	10	—	—	—	—	N breeze and overcast.
,,	8.11	10	St., A.-St.	—	—	—	Thick to S. A clear band to NW. Dull.
,,	12.10	5	Ci.-St.	—	—	—	Very light N breeze. Glorious sunshine.
,,	17.10	1	Ci.-St.	—	—	—	Very light N breeze. Glorious sunshine.
,,	20.10	1	Ci.-St.	—	—	—	Very light N breeze. Glorious sunshine.
13	8.20	3	Ci.-St.	—	—	—	Almost calm. Sun shining.
,,	12.10	10	Ci.	—	—	—	At 11 h. halo round sun.
,,	16	10	Ci.	—	—	—	Very lightly overcast. Variable wind.
,,	20.7	10	Ci.	—	—	NW	Very lightly overcast. Variable wind.
,,	24	10	Ci.	—	—	NW	
14	4.10	10	Ci.	—	—	—	
,,	8.13	10	Ci.-St.	—	—	—	Clear towards S and SW.
,,	12	10	A.-St.	—	—	—	Overcast. Sun shining through.
,,	16.33	10	A.-St.	—	—	—	Halo round sun. Very dull.

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1912.							
14	19.57	10	Ci.	—	—	—	Erebus smoke stretching over Hut Point and seems to be carried with a down-going current. Wind N at 19 h.
,,	23.50	10	—	—	—	—	Clear. New moon. Wind SE.
15	8.15	10	A.-St.	—	—	—	Very hazy and quite dull.
,,	12.45	10	Ci.	—	—	NW	Sunshine. Slight surface drift.
,,	17.5	7	Ci.	—	—	NW	Slight surface drift.
,,	20.13	5	Ci.-St.	—	—	N	Slight surface drift. Swell from N all day. N wind in Ross Sea ?
16	0.5	7	Ci.-St.	—	—	N	Thick; surface drift.
,,	4.10	5	Ci.-St.	—	—	N	Thick ; surface drift.
,,	8.19	10	A.-St.	—	—	—	Light surface drift.
,,	11.51	10	A.-St.	—	—	—	Moderate surface drift.
,,	16.50	10	St.	—	—	—	Thick ; snowing and drifting moderately.
,,	20.8	10	St.	—	—	—	Snow and drift.
,,	24	10	St.	—	—	—	Blizzard all night. Snow and drift.
17	4	10	St.	—	—	—	Snow and drift.
,,	7.58	10	St.	—	—	—	Blizzing heavily ; snowing and drifting heavily. Very thick.
,,	11.55	10	St.	—	—	—	Snowing and drifting heavily ; large snowflakes.
,,	16.10	10	St.	—	—	—	Snowing and drifting heavily. Very heavy snowfall.
,,	20.15	10	St.	—	—	—	Easing up a good deal. Drifting and snowing a little.
,,	24	10	St.	—	—	—	Little drift.
18	4.5	10	St.	—	—	—	Slight surface drift.
,,	8.3	10	St., A.-St.	—	—	—	Slight surface drift. Thick to S.
,,	12.4	10	A.-St., St.	—	—	—	Heavy surface drift. Very thick.
,,	17.10	10	A.-St., Ci.-St.	—	—	—	Clearing and only drifting a little.
,,	20.35	10	Ci.-St.	—	—	—	Clearing and only drifting a little.
19	8.23	10	A.-St.	—	—	—	Quite dull. Clear to S.
20	16 ?	10	Ci.	—	—	—	
,,	20.50	10	Ci.	—	—	—	Almost calm, and light Ci.
,,	24	10	Ci.	—	—	—	S wind. Sun shining on Erebus.
21	4.2	10	Ci.-St.	—	—	—	
,,	8.23	10	A.-St.	—	—	—	Sun shining through.

TABLE 62. METEOROLOGICAL JOURNAL.

October, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
October, 1912.							
21	12.20	10	A.-St.	—	—	—	Dull and calm.
,,	16	10	Ci.-St., A.-St.	—	—	—	Dull and calm.
,,	20	10	St.	—	—	—	Slightly snowing. Calm.
,,	24	10	St.	—	—	—	Slightly snowing.
22	4.15	10	St.	—	—	—	Slightly snowing.
,,	8.17	10	A.-St., St.	—	—	—	Very dull.
,,	12.7	5	Ci.-St.	—	—	—	S breeze. Clearing.
,,	16.50	10	A.-St.	—	—	—	Drifting a little.
,,	20	10	St., A.-St.	—	—	—	Drifting and snowing a little.
,,	24	10	A.-St.	—	—	—	Local drift all night.
23	4	10	A.-St.	—	—	—	Clear to W.
,,	8.24	8	Ci.-St., A.-St.	—	—	—	Clear to S.
,,	12.25	10	A.-St.	—	—	—	Clear to W.
,,	16.25	5	Ci.-St., St.	—	—	—	St. to N.
,,	20.10	5	A.-St., Ci.-St.	—	—	—	
,,	24	—	—	—	—	—	Light wind. Some clouds over Erebus.
24	4	—	—	—	—	—	
,,	8.24	1	Ci.-St.	—	—	—	Light to moderate NE breeze.
,,	13	0	—	—	—	—	Beautiful sunshine and calm.
,,	16	0	—	—	—	—	Beautiful sunshine and calm.
,,	19.50	10	Ci.	—	—	—	Started blowing about 19 h. Slight surface drift.
,,	24	3	Ci.	—	—	—	SE wind ; strong breeze.
25	4.5	3	Ci.-St.	—	—	—	Light SE low drift.
,,	8.20	5	Ci.	—	—	—	Slight surface drift.
,,	12	5	Ci.	—	—	—	Slight surface drift.
,,	15.55	3	Ci.	—	—	—	Slight surface drift.
,,	20	5	Ci.	—	—	N	Slight surface drift.
26	0.22	3	Ci.	—	—	N	Slight surface drift.
,,	3.50	7	Ci.	—	—	N	Slight surface drift.
,,	7.27	7	Ci.	—	—	N	Slight surface drift.
,,	12	5	Ci.	—	—	—	Slight surface drift.

TABLE 62. METEOROLOGICAL JOURNAL.

October–November, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
October, 1912.							
26	15.55	7	Ci.	—	—	—	Slight surface drift.
,,	20.20	10	A.-St., Ci.-St.	—	—	—	A.-St. over Erebus and Western Mountains.
,,	24	10	A.-St.	—	—	—	
27	4	10	A.-St., Ci.-St.	—	—	—	
,,	8.18	10	Ci.	—	—	NW	Hazy. Almost calm.
,,	12	7	Ci.	—	—	—	Hazy. Almost calm.
,,	16	7	Ci.	—	—	—	Hazy. Almost calm.
,,	20.25	10	Ci.	—	—	N	Hazy. Almost calm.
,,	23.50	3	A.-St.	—	—	—	Hazy. Almost calm.
28	3.55	—	—	—	—	NW	
,,	8.23	3	Ci., A.-St.	—	—	NW	Calm and sunshine.
,,	12	0	—	—	—	N	Calm and sunshine.
,,	16	3	Ci.-St.	—	—	—	
,,	24	7	St.	—	—	—	
29	4	9	St.	—	—	—	Very light snow.
,,	8.10	7	A.-St.	—	—	—	Clear to SW and W.
,,	16.10	2	St.	—	—	—	
,,	20.50	1	St.	—	—	—	
30	8	7	St.	—	—	—	
,,	20.50	6	Ci.-St.	—	—	—	
31	8.10	3	Ci.	—	—	—	
,,	20	7	A.-St.	—	—	—	
November, 1912.							
1	8.42	2	A.-St.	—	—	—	
,,	12	2	A.-St.	—	—	—	Low St.-Cu. to N.
,,	16	1	St.	—	—	—	
,,	20.17	5	St.	—	—	—	
2	9.28	1	St.	—	—	—	
,,	16	1	St.	—	—	—	
,,	20.17	1	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
November, 1912.							
3	9.42	3	St.	—	—	—	
,,	20.20	8	A.-St.	—	—	—	
4	9.40	9	A.-St.	—	—	—	
,,	16	7	Ci., A.-St.	—	—	—	Halo.
,,	20	3	St.	—	—	—	
5	8.43	9	St.	—	—	—	
,,	20	9	St.	—	—	—	
6	9.16	0	—	—	—	—	
,,	12.35	0	—	—	—	—	
,,	20	1	St.	—	—	—	
7	9.35	0	—	—	—	—	
8	8.12	4	Ci.	—	—	—	
,,	17.30	6	Ci.-St.	—	—	—	
,,	20.50	10	St.	—	—	—	
9	12.2	3	Ci., St.	—	—	—	
,,	16	2	Ci.	—	—	—	
,,	20.10	3	Ci.	—	—	—	
10	8.10	8	Ci.	—	—	—	
,,	13.10	6	Ci.	—	—	—	
,,	15.20	6	A.-St., St.	—	—	—	Curious plume-like cloud on Erebus at 17 h.
11	20.8	0	—	—	—	—	
12	8	2	A.-St.	—	—	—	Whale-back clouds over Erebus.
,,	15.26	1	A.-St.	—	—	—	Whale-back clouds over Erebus.
,,	20.30	1	A.-St.	—	—	—	
13	8	1	St.	—	—	—	Whale-back clouds over Erebus.
,,	12	0	—	—	—	—	
14	8	10	St.	—	—	—	
,,	12	10	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
November, 1912.							
14	16	10	St.	—	—	—	
15	7.50	0	—	—	—	—	
,,	12	1	A.-St.	—	—	—	
,,	17	1	A.-St.	—	—	—	
16	8	8	A.-St.	—	—	—	
,,	12	9	St.	—	—	—	
,,	16.40	10	St.	—	—	—	
,,	20	10	St.	—	—	—	
17	8	10	St.	—	—	—	
,,	12.30	10	St.	—	—	—	
,,	16.30	10	St.	—	—	—	Snow and thin drift.
,,	20.10	10	St.	—	—	—	Snow and drift.
18	7.45	10	St.	—	—	—	Snow and drift.
,,	16.10	3	St.	—	—	—	
,,	20.15	8	St.	—	—	—	
19	8.6	8	A.-St.	—	—	—	
,,	12.10	7	A.-St.	—	—	—	
20	8	10	St.	—	—	—	
,,	16.10	10	St.	—	—	—	Snowing.
21	8	7	Ci.	—	—	—	
,,	16.50	2	Ci.	—	—	—	
,,	20	0	—	—	—	—	
22	8	2	Ci.	—	—	—	
,,	20	8	St.	—	—	—	
23	8	10	St.	—	—	—	
,,	16	10	St.	—	—	—	
,,	20.50	10	St.	—	—	—	
24	16.40	4	St.	—	—	—	
,,	20.20	5	Ci.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

November—December, 1912.

CAPE EVANS.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
November, 1912.							
25	8	6	Ci., St.	—	—	—	
,,	10	5	A.-St.	—	—	—	
,,	16.50	5	Ci.	—	—	—	
,,	20.42	3	Ci.	—	—	—	
26	8	3	Ci.-St.	—	—	—	
,,	16.40	1	Ci.	—	—	—	
,,	20.20	0	—	—	—	—	
27	8	0	—	—	—	—	
,,	13.50	0	—	—	—	—	
,,	16	0	—	—	—	—	
,,	20	0	—	—	—	—	
28	12.50	2	Ci., St.	—	—	—	
,,	18	6	Ci.	—	—	—	
,,	20	8	Ci.	—	—	—	
,,	24	10	Ci., Ci.-St.	—	—	—	
29	7.50	9	St.	—	—	—	
,,	13.30	10	St.	—	—	—	
,,	19.40	10	St.	—	—	—	Western Mountains clear.
30	7.30	10	St.	—	—	—	Overcast. Lightly snowing, with light drifting. Large snowflakes.
,,	11.45	10	St.	—	—	—	Overcast. Lightly snowing, with light drifting.
,,	17.55	10	St.	—	—	—	Overcast. Apparently clearing to S.
,,	21.05	10	St.	—	—	—	Clearing to W.
December, 1912.							
1	8.16	0	—	—	—	—	
,,	12.10	0	—	—	NNW	Clear	
,,	16.30	0	—	—	—	NNW	
,,	20.30	0	—	—	—	—	
2	7.35	2	St.	—	—	—	
,,	17.0	5	Ci.	—	—	—	
,,	20.55	2	Ci.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

CAPE EVANS. DECEMBER, 1912.

Standard Time.		Cloud.					Remarks.
				Direction moving from			
Day.	Hour.	Amount. (0–10.)	Kind.	Upper.	Lower.	Erebus Smoke.	
DECEMBER, 1912.							
3	7.35	0	—	—	—	—	Cloudless.
,,	13.30	0	—	—	—	W	Cloudless.
,,	16.30	0	—	—	—	—	Cloudless.
,,	20.40	0	—	—	—	—	Cloudless.
4	2.20	8	—	—	—	—	Detached St.
,,	7.48	10	St.	—	—	—	
,,	13.50	10	St.	—	—	—	
,,	16.40	10	St.	—	—	—	
,,	19.58	10	St.	—	—	—	St. about 1,200 feet up.
5	7.59	10	St.	—	—	—	Overcast. Slightly snowing.
,,	11.54	10	St.	—	—	—	Overcast.
,,	17.5	10	St.	—	—	—	
,,	20.5	10	St.	—	—	—	
6	3.30	10	St.	—	—	—	Overcast and slightly snowing.
,,	7.47	10	St.	—	—	—	Overcast and slightly snowing.
,,	11.37	10	St.	—	—	—	Overcast.
,,	15.40	10	St.	—	—	—	Overcast and slightly snowing.
,,	21.30	10	St.	—	—	—	Overcast and snow falling in large flakes.
7	8	9	A.-St., St.	—	—	—	Slight amount of snow fell during night.
,,	13.10	2	A.-St.	—	—	—	Cu. over Rock.
,,	16.10	4	St.	—	—	—	Cu. over Rock. Detached St.
,,	21.15	2	St.	—	—	SE	Detached St.
8	17.10	8	St.	—	—	—	
,,	20.45	1	—	—	—	—	Detached St.
9	7.45	0	—	—	—	—	
,,	16	7	A.-Cu., St.	—	—	—	
,,	21	0	—	—	—	—	
10	8.3	10	St.	—	—	—	
,,	21	8	Ci.-St.	—	—	—	
11	8.5	9	St.	—	—	—	
12	8.4	0·1	St.	—	—	—	

TABLE 62. METEOROLOGICAL JOURNAL.

CAPE EVANS. DECEMBER, 1912.

Standard Time.		Cloud.					Remarks.
Day.	Hour.	Amount. (0–10.)	Kind.	Direction moving from			
				Upper.	Lower.	Erebus Smoke.	
DECEMBER, 1912.							
13	8.6	1	St.	—	—	—	Whale-back clouds over Erebus.
14	8.6	10	St.	—	—	—	
15	8.22	7	Cu.	—	—	—	
16	8.7	10	St.	—	—	—	Slight snowfall at 8 h. No sunshine.
17	8.8	10	Nb.	—	—	—	Snowfall during the night. Blizzing at 8 h. No sun.
18	8.10	9·9	St.	—	—	—	
19	8.3	1	St.-Cu.	—	—	—	
20	8.7	1	St.-Cu.	—	—	—	
21	8.4	1	Cu.	—	—	—	
22	8.7	5	St.-Cu.	—	—	—	
23	8.10	2	St.-Cu.	—	—	—	Solar halo last night 22 h.
,,	20.45	2	St., Cu.	—	—	—	
24	7.50	2	—	—	—	—	Detached St.
,,	13	2	—	—	—	—	Detached St.
,,	20.20	0	—	—	—	—	
25	8.30	5	A.-St.	—	—	—	
,,	15.20	9	Ci.-St., A.-St.	—	—	—	
,,	20.50	9	A.-St.	—	—	—	
26	8.5	0	—	—	—	—	
,,	12	0	—	—	—	—	
,,	15.10	0	—	—	—	—	
,,	20	0	—	—	—	—	
27	8.10	0	—	—	—	—	
,,	19.50	0	—	—	—	—	
28	8.15	10	St.	—	—	—	Overcast.
,,	13.10	10	St.	—	—	—	Overcast. Slightly snowing large flakes.
,,	20.5	10	St.	—		—	Overcast.
29	8.30	0	—	—	—	—	
,,	13.10	0	—	—	—	—	
,,	17.30	0	—	—	—	—	
,,	20.40	9	St.	—	—	—	
30	8.15	10	St.	—	—	—	Overcast.

TABLE 63. METEOROLOGICAL JOURNAL.

February—March, 1911.

Note.—In Table 63 the following abbreviations have been used:—Clr. = clear; cryst. = crystals; d. = drizzle; gran. = granular; hc. = heavy; inter = intermittent; obs. = obscured; slt. = slight; spic. = spicular; N. = Sir George Newnes Glacier; W. = Warning Glacier.

CAPE ADARE.

Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
February, 1911.													
27	12	—	—	4	Cu.-St.	—	ESE	—	S.	—	—	—	Meteorological station not completed.
,,	16	—	—	1	Ci.-St.	W	—	Clr.	0	—	—	—	Cu. on Cape Adare.
,,	20	36	1·4	5	Ci., Ci.-St.	—	NW	Clr.	0	—	—	—	Nb. in NW shading off into Cu.
28	9	68	0·0	7	Nb., Ci.-St.	NW	NW	Clr.	0	—	—	—	Ragged Nb.; shining upper layers of Ci.-St.
,,	12	71	4·2	8	Nb.	—	NW	Clr.	0	0	—	—	Nb. has covered all other clouds.
,,	16	78	4·8	9	Nb., St.	—	NW	Clr.	0	0	—	—	Nb. has covered all other clouds.
,,	18	81	19·4	9	Nb., St.	—	NW	Warning ½ obs.	S. very slight	0	—	—	Gusty SE wind rising. A few snow crystals.
,,	20	93	6·6	9	Nb.	—	NW	Clr.	0	0	—	—	Heavy snow falling to N and NW.
,,	22	102	9·0	9	Nb., Cu.	—	NW	Clr.	0	0	—	—	Nb. appears changing to definite Cu.
March, 1911.													
1	8	139	6·8	½	Cu., A.-St.	—	NNW	Clr.	0	2	—	—	
,,	10	143	10·6	2	Cu., Ci., Ci.-St.	ESE	ESE	Clr.	0	2	—	—	Ci.-St., S; Ci. SE; Cu. NE.
,,	12	149	5·6	8	Cu.	—	WNW	Clr.	S. few crystals	¾	—	—	Cu. spread over sky from N.
,,	14	153	4·0	9	Cu.	—	WNW	Clr.	0	0	—	—	
,,	16	156	0·0	8	Cu.	—	N	Clr.	0	0	—	—	Situation unchanged.
,,	18.30	161	9·2	9	Cu.	—	N	Clr.	0	¼	—	—	Situation unchanged.
,,	20	166	4·6	9	Cu.	—	N	Clr.	0	0	—	—	Clouds slightly heavier.
,,	22	173	0·0	9	Cu.-Nb.	—	N	Clr.	S.	0	—	—	Clouds heavier. Granular snow falling.
2	8	271	45·4	9	Cu.-Nb.	—	—	Obs.	S.	0	—	Slt.	Snow falling and drift flying.
,,	10	320	78·6	7	Cu.-St.	N	ESE	Obs. d.	0	½	—	Slt.	
,,	12	363	102·6	3	Cu.-St.	—	N	Warning obs. N Clr.	0	1½	—	0	Scattered Cu.-St. Dense Cu.-St. low to N.
,,	14	403	64·2	4	St., Fr.-Cu.	—	N	Clr.	0	1	—	0	St. to N. Cu. and Fr.-Cu. N to S. W clearing.
,,	16	424	4·9	6	Cu., St.	—	S	Clr.	0	0	—	0	Clouds moving quickly.
,,	18.20	471	61·8	8	Cu., St.	—	S	Clr.	0	0	—	0	Sky more overcast and wind steadier.

TABLE 63. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE ADARE.

Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
March, 1911.													
2	20	514	49·0	9	Cu., Nb.	—	S	W obs. N Clr.	Few S. crystals	0	—	0	Sky overcast, wind increasing.
,,	22	559	58·0	9	Cu., Nb.	—	—	Obs.	S. slt.	0	—	Slt.	Heavy clouds, movement imperceptible. Cape Adare obscured by snow.
3	8.15	777	79·4	9	Nb., Cu.	—	—	Obs.	S. slt.	0	—	Slt.	
,,	10.15	842	87·0	7	Nb., Cu., St.	—	SE	Obs.	0	¾	—	Slt.	Wind steady. Nb. to N.; St. to SW.
,,	12	895	60·4	5	Nb., Fr.-Cu., A.-St., Ci.	W	SE	Obs.	0	1¼	—	Slt.	Wind steady; sky clearing. Nb. to N.
,,	14	960	104·6	6	Cu., Nb.-Cu.	—	NE	Obs.	0	1	—	Slt.	Wind rising.
,,	16	1,033	111·0	6	Ci., Cu., Nb.	SE	S	½ obs.	0	½	—	Slt.	Wind stronger. Two series clouds distinct.
,,	18	1,098	92·8	6	St., A.-St., Cu., Fr.-Cu.	—	—	¼ obs.	0	¼	—	0	A.-St. radiant point ESE.
,,	20	1,157	89·2	9	Cu., Nb.	—	S	½ obs.	0	0	—	Slt.	Clouds much heavier; wind steady.
,,	22	1,188	10·0	9	Cu., Nb.	—	—	Clr.	0	0	—	0	Wind decreased markedly about 21 h.
4	7.40	1,214	—	1	Cu.	—	—	Clr.	0	2	—	0	Low Cu. N and S horizons.
,,	10	1,217	4·4	7	St., A.-St., Ci.-Cu.	Slow NNW	Faster NW	Clr.	0	1½	—	0	Ci.-Cu. radiant point N.
,,	12	1,220	—	8	A.-St., Nb.	—	N	Clr.	S. slt.	0	—	0	Nb. moving from N obscuring other clouds.
,,	14	1,221	7·2	7	Cu., St.	—	SE	W obs. N Clr.	0	0	—	0	Clouds dispersing.
,,	16	1,231	15·0	8	St., Cu., St.-Cu.	—	NW	Clr.	0	½	—	0	Air feels unusually damp. Heavy St. trending NW and SE.
,,	18	1,240	2·0	9	St., Nb.	—	NE	Obs. S	S.	0	—	0	Nb. moving from NE fast.
,,	20	1,249	—	9	Nb.	—	—	Obs. S	S. slt.	0	—	0	Wind strong from NE to SE at 19 h., then W.
,,	22	1,270	—	9	Cu., Nb.	—	—	Obs. S	0	0	—	0	Wind back to ESE and increasing.
5	8	1,491	40·4	8	St., Cu.	—	NW	Clr.	0	0	—	0	
,,	10	1,505	49·4	7	Cu., St.	—	NW	Clr.	0	0	—	0	Wind fairly steady and less strong.
,,	12	1,519	15·0	5	Ci.-Cu.	—	S	Clr.	0	¼	—	0	Wind still dropping. Sky clearing.
,,	14	1,531	19·8	1	St.	—	—	Clr.	0	2	—	0	Low St. on N horizon.
,,	16	1,542	—	—	—	—	—	—	—	—	—	—	Away on Cape Adare.
,,	18	1,554	—	3	Ci.-Cu., Nb.	NE	—	Clr.	0	2	—	0	Heavy St. to ESE. Mountains obscured.
,,	20	1,563	17·4	9	St., Cu.	—	—	½ obs. S	0	½	—	0	Nb. and falling snow to S.
,,	22	1,589	—	7	Cu., Nb.	—	ESE	Obs.	0	0	—	0	Clouds dispersing.

TABLE 63. METEOROLOGICAL JOURNAL.

March, 1911.

CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
March, 1911.													
6	8	1,711	17·8	5	A.-St., Ci-St., Nb.	ESE	NW	Clr.	0	½	—	0	Nb. low down to N. A.-St. to SE. Thin haze. Ci. zenith. Wind rising.
,,	10	1,722	18·2	3	Ci., Nb., Ci.-Cu.	W	—	Clr.	0	2	—	0	Nb. on horizon to N.
,,	12	1,758	—	2	Ci., A.-St., Ci.-Cu.	S	E	Clr.	0	2	—	0	A.-St. to N. Ci. trending N and S. Ci.-Cu. trending E and W.
,,	14	1,749	21·4	8	St., Ci., Ci.-Cu.	—	—	Clr.	0	1½	—	0	St. to N. Sky nearlyeovered with thin Ci.-Cu.
,,	16	1,772	12·6	2	A.-St.	SE	—	Clr.	0	2	—	0	Wind rising. Snow falling SE of Cape Adare at 15 h.
,,	18	1,823	59·0	1	det. Ci.-Cu.	N	—	N. obs. d., W. Clr.	0	2	—	0	Wind rising steadily.
,,	20	1,892	19·2	1	det. Cu.	—	—	N. obs. d., W. Clr.	0	1	—	0	Clock put back half an hour since 18 h.
,,	22	1,933	—	1	Cu.	—	NE	N. obs. d., W. Clr.	0	0	N	0	Aurora, NE, 45° altitude to NW.
7	8	2,127	—	4	Ci., Cu.	—	NE	Obs.	0	1	—	0	Cape Adare, SE end, clouds down to 1,000 feet.
,,	10	2,145	2·6	9½	Cu., Nb.	—	NE	N. Clr., W. obs.	S.	0	—	0	Nb. rapidly spreading.
,,	12	2,154	13·8	10	Cu.-Nb.	—	NE	Obs. S.	S. slt.	0	—	0	Heavy snow falling N, S and W.
,,	14	2,164	6·0	10	Cu.-Nb.	—	NE	Clr.	S. slt.	0	—	0	Heavy snow to NW and locally to N. Granular snow falling.
,,	16	2,183	11·0	10	Cu.-Nb.	—	NE	Obs.	S.	0	—	0	Wind veering NE. Granular snow.
,,	18	2,203	9·8	10	Cu.-Nb.	—	N	Obs.	S. few crystals	0	—	0	Heavy snow WNW and W.
,,	20	2,222	6·2	10	Cu.-Nb.	—	N	Obs.	S. slt.	0	—	0	Snow all round, but E.
,,	22	2,242	—	10	Cu.-Nb.	—	—	Obs.	S.	0	—	0	Heavy snow W, S and N. Luminous clouds.
8	8	2,334	11·2	10	Cu.-Nb.	—	0	½ obs.	0	0	—	0	Snow squalls S, W, and NW.
,,	10	2,349	—	10	Cu.-Nb.	—	0	Clr.	0	0	—	0	Snow squalls to S and W.
,,	12.10	2,364	2·6	9	A.-St., Cu.-Nb.	—	0	Clr.	0	0	—	0	Clearing from SE.
,,	14	2,374	5·2	8	A.-St., Cu.-Nb.	—	0	N. obs., W. Clr.	0	0	—	0	Clearing from SE.
,,	16	2,392	19·0	8½	A.-St., Cu.-Nb.	—	0	Clr.	0	0	—	0	About the same. Snow W.
,,	18	2,412	—	9	Nb., Cu.	—	0	Clr.	0	0	—	0	Heavy Nb. to N.
,,	20	2,431	24·6	9	Nb., Cu.	—	0	Clr.	0	0	—	0	Heavy Nb. to N.
9	6.15	2,502	—	9	St.	—	0	Clr.	0	0	—	0	Heavy stratiform Nb. to N.
,,	8	2,503	—	9	det. Cu., Nb., St.	—	0	N. Clr., W. ½ obs.	0	½	—	0	Sun shining through haze of cloud.
,,	10	2,509	—	9	St., Nb.	—	0	Clr.	0	2	—	0	Sun shining through haze of cloud.

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Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from. Upper.	Direction from. Lower.						
March, 1911.													
9	12	2,510	—	9	St., Nb.	—	0	Clr.	S. slt.	2	—	0	Few crystals of snow.
,,	14	2,513	—	9½	St., Nb.	—	0	Clr.	0	2	—	0	No change.
,,	16.15	2,518	—	10	St., St.-Nb.	—	0	Clr.	S. slt.	2	—	0	Low St. across mountains to SW.
,,	18	2,521	—	10	St., St.-Nb.	—	0	½ obs.	S. slt.	½	—	0	St. W and S below St.-Nb.
,,	20	2,530	—	10	Nb.	—	0	Obs.	S.	0	—	0	Obscured horizon.
10	6.30	2,555	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	Obscured horizon; heavy snow.
,,	8	—	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	Obscured horizon. Heavy snow.
,,	10	2,574	33·0	10	Nb.	—	0	Obs.	S. he.	0	—	0	Obscured horizon; heavy snow.
,,	12	2,585	11·0	10	Nb.	—	0	Obs.	S. he.	0	—	Low	Obscured horizon; heavy snow.
,,	14	2,612	45·2	10	Nb.	—	0	Obs.	S.	0	—	Low	Snow slightly less, but drift.
,,	16	2,651	67·0	10	Nb.	—	0	Obs.	S.	0	—	Low	Some drift; less snow.
,,	18	2,697	51·8	10	Nb.	—	0	Obs.	S.	0	—	Low	Some drift; less snow.
,,	20	2,751	66·4	10	Nb.	—	0	Obs.	S.	0	—	He.	Some drift; less snow.
11	8	3,231	66·0	10	Nb.	—	0	Obs.	0	0	—	He.	Drifting.
,,	10	3,346	—	10	Nb.	—	0	Obs.	0	2	—	He.	Drifting. Sun shining faintly through haze.
,,	12	3,424	91·4	10	Cu., Nb.	—	0	Obs.	0	2	—	He.	Less drift, because less snow left.
,,	14	3,497	92·6	10	Cu.-Nb., Nb.	—	0	Obs.	0	1½	—	He.	Less drift, because less snow left.
,,	16	3,565	119·4	10	Cu.Nb., Nb.	—	SE	Obs.	0	0	—	He.	Definite Cu.-Nb. radiant point SE.
,,	18	3,635	65·2	10	Cu.-Nb., Nb.	—	SE	Obs.	0	0	—	Low	Definite Cu.-Nb. radiant point SE.
,,	20.30	3,725	—	10	Cu.-Nb., Nb.	—	0	Obs.	0	0	—	Low	Definite Cu.-Nb. radiant point S.E.
12	10	4,193	—	10	Nb.	—	0	Obs.	S.	0	—	0	Wind rising since 9 h.
,,	11.50	4,198	—	10	Nb.	—	0	Obs.	S.	0	—	0	No change.
,,	14.30	4,199	—	10	Nb.	—	0	Obs.	S.	0	—	0	Mountains beginning to show up.
,,	16	4,200	—	10	Cu., Nb.	—	0	Obs.	S.	0	—	0	Cu. to W.
,,	18	4,200	—	10	Nb.	—	0	Obs.	S.	0	—	0	Snow has been slight, but increasing.
,,	20	4,201	—	10	Nb.	—	0	Obs.	S.	0	—	0	Snow falling in flakes.
,,	22	4,203	—	10	Nb.	—	0	Obs.	S. slt.	0	—	0	Heavy Nb. to N.

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Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
March, 1911.													
13	6	4,228	—	10	Nb.	—	0	Obs.	0	0	—	0	Heavy snow to NW and W.
,,	8	4,246	19·0	10	Nb.	—	0	½ obs.	0	0	—	0	Heavy snow to NW.
,,	10	4,265	5·4	10	Nb.	—	0	Obs.	S.	1	—	0	Heavy snow to W and NW.
,,	12	4,273	25·6	10	Nb.	—	SE	Obs.	S. slt.	1	—	0	Wind changed about 10 h. 15 m.
,,	14	4,283	10·8	10	Nb.	—	SE	Obs.	S. slt.	1½	—	0	Wind still swinging slightly.
,,	16	4,290	—	7	A.-St., St., Nb.	—	W	Obs.	0	1½	—	0	Sky clearing. Snow to NNW.
,,	18	4,297	—	9	St., Cu.	—	0	Obs.	0	½	—	0	Cloud to WNW cleared.
,,	20	4,304	—	7	St., Cu.	—	0	Obs.	0	0	—	0	No change.
14	6	4,319	—	10	St.	—	—	Clr.	S. slt.	0	—	0	½ inch snow during night.
,,	8	4,328	—	10	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	10	4,334	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular snow falling.
,,	12	4,334	—	10	St.-Nb.	—	—	Obs.	S.	0	—	0	
,,	14	4,335	—	10	Cu.-St.	—	—	Obs.	0	0	—	0	
,,	16	4,348	—	10	Cu.-St.	—	—	½ obs. d.	0	0	—	0	Wind changed from WSW to ESE.
,,	18	4,379	32·8	10	Nb., Cu.-St.	—	—	Obs.	0	0	—	Drft.	Wind steady and drift.
,,	20	4,422	46·4	10	Nb., Cu., St.	—	—	Obs.	0	0	—	Drft.	Wind rising.
15	6	4,532	—	10	Nb.	—	0	Obs.	S.	0	—	0	Snow cloud settled again; no break.
,,	8	4,533	—	10	Nb.	—	0	Obs.	S.	0	—	0	Granular snow falling.
,,	10	4,533	—	10	Nb.	—	0	Obs.	S.	0	—	0	Snow increasing and flaky.
,,	12	4,534	—	9	Cu.-Nb.	—	0	Obs.	S. very slt.	0	—	0	Clouds forming a radiant from W.
,,	14	4,535	—	7	Cu.-Nb.	—	NW	Clr.	0	¼	—	0	Clouds breaking near zenith.
,,	16	4,536	—	9	Cu.-Nb.	—	NW	Clr.	0	0	—	0	Snow to NW.
,,	18	4,538	—	10	Cu.-Nb.	—	0	Clr.	0	0	—	0	
,,	20	4,543	—	10	Cu.-Nb.	—	0	Clr.	0	0	—	0	
16	6	4,578	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	Clouds closed in again.
,,	8	4,580	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	
,,	10	4,581	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	Heavy flaky snow.
,,	12	4,582	—	10	Nb.	—	0	Obs.	S. he.	0	—	0	Snow falling heavily (2 ins.).

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Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora	Drift.	Remarks.
March, 1911.													
16	14	4,583	—	10	Nb.	—	0	Obs.	S. slt.	0	—	0	Snow almost ceased. Heavy snow N and W.
,,	16	4,585	—	10	Nb.	—	0	Obs.	S.	0	—	0	
,,	18	4,592	—	10	Cu.-Nb.	—	0	Obs.	0	0	—	Drft.	Gusty southerly wind.
,,	20	4,598	—	10	Cu.-Nb.	—	0	Clr.	0	0	—	0	
17	8	4,660	—	5	St., Nb.	—	SE	Obs.	0	2	—	0	Calm. Storm rising from SE.
,,	10	4,668	—	9	St., Nb.	—	SE	Obs.	S. few eryst.	½	—	Low	Wind veering to ESE after reading.
,,	12	4,730	83·2	4	Ci., Ci.-Cu.	NW	—	Obs.	0	1½	—	He.	Wind strong from ESE.
,,	14	4,818	113·2	8	Ci.-Cu., Cu., A.-St.	NW	SE	Obs.	0	2	—	He.	Wind stronger. A.-St. running E and W.
,,	16	4,908	75·0	5	Cu., Ci.-St., Ci.-Cu.	NW	SE	Obs.	0	2	—	Slt.	Wind falling. Little drift.
,,	18	4,969	43·6	4	Cu., St.	NE	SE	Clr.	0	1½	—	0	Wind dropped. Barometer rising.
,,	20	4,989	—	9	Send. Nb.	—	NW	Obs.	0	0	—	0	Sky clouding over from N.
18	6	5,026	—	9	Nb.	—	0	Obs.	S. slt.	0	—	0	Snow haze over sky.
,,	8	5,026	—	7	Cu.-Nb., Nb., St.	—	N	Obs.	0	0	—	0	Snow haze breaking up into cumuliform clouds.
,,	10	5,026	—	9	Nb., St., Cu.	—	N	Obs.	0	½	—	0	Nb. banking up to S.
,,	12	5,034	—	9	Nb., St.	—	NNE	Clr.	0	½	—	0	Clear sky to S.
,,	14	5,044	—	9	Nb., St.	—	0	Clr.	S. slt.	0	—	0	Snow squall to WNW.
,,	16	5,046	—	8	Cu.	—	N	Clr.	0	¼	—	0	Mountains quite clear.
,,	18	5,048	—	2	Cu.-St.	—	0	Clr.	0	1½	—	0	Clear sky to S. Weather cleared very much.
,,	20	5,057	—	0	—	—	—	Clr.	0	0	—	0	Clear and calm.
,,	22	5,065	—	0	—	—	—	Clr.	0	0	One arch NE. Bright glow S	0	Arch of aurora; disconnected curtain.
19	6	5,103	—	1	A.-St., Ci.-St., Ci.-Cu.	—	—	Clr.	0	0	—	0	Weather bright and clear.
,,	8	5,143	116·8	10	A.-St., Ci-Cu.	—	ESE	Obs.	0	0	—	Low	Wind rising. Sky clouding.
,,	10	5,234	96·0	10	Nb., Cu.	—	ESE	Obs.	0	0	—	Low	Wind strongest yet, 72 miles in gusts.
,,	12	5,362	96·0	10	Nb.	—	ESE	Obs.	0	0	—	He.	Wind rising still.
,,	14	5,514	—	10	Nb.	—	ESE	Obs.	0	0	—	He.	Wind touched hurricane force; anemometer broken.
,,	16	Broken		10	Nb.	—	—	Obs.	0	0	—	He.	Wind stronger still.

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Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
March, 1911.													
19	18	—	—	10	Nb.	—	—	Obs.	0	0	—	He.	Wind dropped somewhat.
,,	20	—	—	10	Nb.	—	—	Obs.	0	0	—	He.	Wind dropping.
20	6	—	—	7	A.-St., Nb.	—	—	Obs.	0	0	—	Slt.	Wind fallen considerably.
,,	8	—	—	5	St., A.-St. Ci-Cu.	—	—	Obs.	0	0	—	Slt.	Wind risen since 6 h.
,,	10	—	—	3	Ci.-St., Cu. A.-St.	—	—	Obs.	0	2	—	He.	Wind still rising.
,,	12	—	—	2	Ci.	SE	—	Obs.	0	2	—	0	Ci. radiant point ESE. Wind about the same.
,,	14	—	—	2	Ci.-Cu.	—	—	Obs.	0	2	—	0	Ci. E and W and Ci. and Ci.-St. NNE and SSW.
,,	16	—	—	3	Ci., A.-St. Ci.-cu.	W	—	Obs.	0	2	—	0	Wind dropping.
,,	18	—	—	4	St., Ci.-Cu.	—	NW	Clr.	0	1½	—	0	Wind still dropping.
,,	20	—	—	8	Ci., St.	—	NW	Clr.	0	0	—	0	Wind almost ceased.
21	8	—	—	7	Nb.	—	N	Clr.	S. slt.	0	—	0	Spicular snow falling.
,,	10	—	—	2	Cu.	—	N	Clr.	0	2	—	0	Cu. to N and W.
,,	12	—	—	2	Cu.	—	NE	Clr.	0	1¾	—	0	Cu. to N and W.
,,	14	—	—	5	Cu.	—	NE	Clr.	0	1¼	—	0	Cu. to N and W.
,,	16	5,563	—	1	St.	—	—	Clr.	0	2	—	0	Light St. to SE.
,,	18	5,573	—	1	St.	—	—	Clr.	0	2	—	0	Light St. to SE.
,,	20	5,584	—	1	St.	—	—	Clr.	0	½	—	0	Brilliant prismatic sunset.
22	6	5,609	—	8	St., A.-Cu.	—	N	Clr.	0	0	—	0	
,,	8	5,610	—	9	St., A.-Cu.	—	N	Clr.	0	0	—	0	Sky clearing.
,,	10	5,612	—	7	Ci-Cu., St.	—	0	Clr.	0	1	—	0	Clouds dispersing.
,,	12	5,613	—	6	Ci.-Cu., A.-St.	—	N	Clr.	0	1	—	0	Band of clouds, N to S.
,,	14	5,613	—	9	St.	—	NE	Clr.	0	0	—	0	Sky clouded over.
,,	16	5,656	52·2	9	St., Cu.-St.	—	—	Clr.	0	0	—	0	
,,	18	5,729	76·0	9½	Cu., St., Cu.-St.	—	SE	Clr.	0	0	—	0	Wind extremely gusty.
,,	20	5,799	—	10	St., Cu.-St.	—	SE	Clr.	0	0	—	0	Brilliant blood-red sunset.
23	7	6,101	—	7	St.-Cu.	—	NE	Obs.	0	0	—	0	
,,	8	6,130	34·0	9	St., St.-Cu.	—	NE	Obs.	0	0	—	0	

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		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
March, 1911.													
23	10	6,184	17·2	10	St., St.-Cu.	—	—	Obs.	0	0	—	0	Wind dropping.
,,	12	6,207	—	9	St.-Cu.	—	N	Obs.	0	0	—	0	St. NW and NE.
,,	14	6,239	19·2	9	Cu.-St., Scud.	—	—	W. clr., N. obs.	0	0	—	0	
,,	16	6,264	—	7	Ci.-Cu., St.-Cu.	NE	—	W. clr., N. obs.	0	0	—	0	Sky clearing.
,,	18	6,287	—	7	Cu.-St.	—	SE	Obs.	0	0	—	0	Light St. to SW.
,,	20	6,312	—	9	St.	—	—	Clr.	0	0	—	0	
24	6.30	6,426	—	6	Cu.	—	SE	Clr.	0	0	—	0	
,,	8	6,432	—	3	St.-Cu.	—	—	Clr.	0	0	—	0	St. SE.
,,	10	6,436	—	6	Sc., St.-Cu.	—	NE	Clr.	0	2	—	0	
,,	12	6,440	—	9	Cu.-St.	—	—	Clr.	0	$1\frac{1}{4}$	—	0	
,,	14	6,442	—	9	St.-Cu.	—	N	Clr.	0	0	—	0	
,,	16	6,444	—	8	St., Fr.-Cu.	—	N	Clr.	0	0	—	0	
,,	18	6,450	—	10	Cu., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	6,450	—	10	St.-Cu.	—	—	Clr.	0	0	—	0	
25	6	6,460	—	9	St.	—	—	Clr.	0	0	—	0	
,,	8	6,461	—	9	Nb.	—	—	Clr.	S. slt.	0	—	0	Granular snow falling.
,,	10	6,471	—	10	Nb.	—	—	Clr.	0	0	—	0	
,,	12	6,473	—	10	Cu.-St.	—	—	Clr.	0	0	—	0	
,,	14	6,476	—	10	Nb., St.	—	—	Clr.	0	0	—	0	
,,	16	6,478	—	10	Nb.. St.	—	—	Clr.	0	0	—	0	
,,	18	6,483	—	10	St.	—	—	Obs. d.	0	0	—	0	SE wind starting.
,,	20	6,499	—	10	St.	—	—	—	0	0	—	0	Calm again.
26	8	6,558	—	8	Ci.-Cu.	—	ESE	Clr.	0	0	—	0	Heavy St. to SE.
,,	10	6,562	—	9	St.	—	—	Clr.	0	$\frac{1}{4}$	—	0	
,,	14	6,580	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	
,,	16	6,601	—	7	St.-Cu.	—	E	Clr.	0	0	—	0	
,,	18	6,628	—	9	St.-Cu.	—	—	Obs.	0	0	—	0	
,,	20	6,681	—	7	Cu.	—	—	—	0	0	—	0	

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March, 1911.													
27	6	6,932	—	6	Cu.	—	—	Clr.	0	0	—	0	
,,	8	6,968	27·6	6	St.-Cu., A.-St., Nb., Ci.-St.	NE	—	Clr.	0	0	—	0	Sky clearing.
,,	10	6,990	—	7	Ci.-St., St., Nb.	—	—	Clr.	0	1	—	0	Storm over Warning Glacier.
,,	12	7,005	—	7	Ci.St., Ci., A.-St., Nb.	—	SW	Clr.	0	0	—	0	Three series of clouds.
,,	14	7,021	—	7	Ci., Ci.-Cu., St.	—	—	Clr.	0	1	—	0	Sun shining through haze.
,,	16	7,033	—	5	Ci.-St., Fr.-Cu.	—	—	Clr.	0	1½	—	0	Three mock suns.
,,	18	7,038	—	2	Ci.-St.	—	—	Clr.	0	1	—	0	
,,	20	7,039	—	1	St.	—	—	Clr.	0	0	One arch NNE to NNW	0	Brilliant arch of aurora.
28	8	7,046	—	10	St.	—	—	Clr.	0	0	—	0	
,,	14	7,052	—	10	St.-Cu.	—	—	Clr.	S. few cryst.	0	—	0	
,,	16	7,056	—	10	St.-Cu.	—	NW	Clr.	0	0	—	0	Heavy St. clouds. Observations at 10 h. and 12 h. missed when dredging.
,,	18	7,060	—	10	St.-Cu., Cu.	—	—	Clr.	0	0	—	0	
,,	20	7,067	—	10	St.-Cu.	—	—	Clr.	0	0	—	0	
29	6	7,071	—	10	St.-Cu., Scud	—	—	Clr.	0	0	—	0	No change.
,,	8	7,071	—	9	St.-Cu.	—	SE	Clr.	0	0	—	0	
,,	10	7,071	—	7	St.-Cu.	—	S	Clr.	0	0	—	0	Sky clearing.
,,	12	7,071	—	9	Cu., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	14	7,072	—	9	Cu., St.-Cu.	—	S	Clr.	0	0	—	0	
,,	16	7,084	—	9	Cu., St.-Cu.	—	—	Clr.	S. few cryst.	0	—	0	
,,	18	7,096	—	10	Cu., St.-Cu.	—	—	Clr.	S. few cryst.	0	—	0	
,,	20	7,103	—	10	Cu., St.-Cu.	—	—	Clr.	0	0	—	0	Sky slightly thicker.
30	8	7,152	—	9	Cu.	—	—	Clr.	0	0	—	0	Clearing to W.
,,	10	7,154	—	9	St.-Cu., St.	—	—	Clr.	0	0	—	0	Clearing to W.
,,	12	7,162	—	8	Cu., Cu.-St.	—	SE	Clr.	0	0	—	0	Clearing to W.
,,	14	7,165	—	1	A.-St., St.	—	—	Clr.	0	2	—	0	Clearing from SW.
,,	16	7,176	—	2	St.-Cu., A.-St.	—	—	Clr.	0	2	—	0	Snow falling to SE.
,,	18	7,178	—	4	St.-Cu.	—	—	Clr.	0	½	—	0	Snow scud on Cape Adare.

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March—April, 1911.

CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
March, 1911.													
30	20	7,179	—	1	St.	—	—	Clr.	0	0	W. to zenith and NE	0	Magnificent aurora.
31	6	7,196	—	9	St.	—	—	Clr.	0	0	—	0	A little scud over Cape Adare.
,,	8	7,199	—	9	St.	—	—	Clr.	0	0	—	0	
,,	10	7,202	—	9	St.	—	—	Clr.	0	1	—	0	Screen left open since 8 h.
,,	12	7,205	—	9	St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	14	7,212	—	1	Ci.-St., St.	—	—	Clr.	0	2	—	0	Single ray of Ci.-St. near zenith.
,,	16	7,217	—	1	St.	—	—	Clr.	0	2	—	0	
,,	18	7,220	—	1	Ci.-St.	—	—	Clr.	0	1½	—	0	Ci.-St. to SE.
April, 1911.													
1	8	7,221	—	9	St.-Cu.	—	SW	Clr.	0	0	—	0	
,,	10	7,221	—	9	Ci., St.-Cu.	—	SW	Clr.	0	0	—	0	
,,	12	7,221	—	9	Cu.	—	—	Clr.	0	0	—	0	
,,	14	7,221	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	Blue sky to S.
,,	16	7,221	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	Fine. St.-Cu. radiant point W.
,,	18	7,221	—	9	St.-Cu.	—	—	Clr.	0	½	—	0	
,,	20	7,221	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	
2	8	7,222	—	0	Ci.-St.	—	—	Clr.	0	0	—	0	Glazed frost during night.
,,	12	7,225	—	5	Ci.-St.	—	—	Clr.	0	2	—	0	Ci. and Ci.-St. radiant point W.
,,	14	7,229	—	5	Ci.- St., A.-St.	—	—	Clr.	0	2	—	0	Ci. and Ci.-St. radiant point WNW.
,,	16	7,229	—	8	Ci.-St.	—	E	Clr.	0	1	—	0	Ci. and Ci.-St. radiant point WNW.
,,	18	7,233	—	4	St., Ci.	—	E	Clr.	0	0	—	0	Ci. and Ci.-St. radiant point WNW.
,,	20	7,234	—	5	St., Cu., Scud.	—	—	Clr.	0	0	—	0	St. radiant point WNW.
3	8	7,372	—	8	St., Cu, Scud.	—	SE	Obs.	S.	0	—	0	
,,	10	7,373	—	10	St., haze	—	SE	Obs.	S.	½	—	0	Granular snow.
,,	12	7,374	—	10	St., Scud.	—	SE	½ obs.	S. few cryst.	½	—	0	Granular and spicular snow.
,,	14	7,374	—	8	St., Cu., Scud.	—	—	½ obs.	S.	0	—	0	Snow to NW and W.

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CAPE ADARE.

Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
April, 1911.													
3	16	7,374	—	10	St., Scud.	—	SE	Obs.	S. few cryst.	0	—	0	Snow scud and Nb. on Cape Adare.
,,	18	7,374	—	10	St.-Cu.	—	—	Clr.	0	0	—	0	Scud on Cape Adare and Geikie Land.
,,	20	7,374	—	10	St.	—	—	Clr.	0	0	—	0	
4	8	7,385	—	10	Nb., Scud.	—	SE	Obs.	S. slt.	0	—	0	¾ inch of snow during night.
,,	10	7,390	—	10	Nb., Scud.	—	SE	Obs.	S. slt.	0	—	0	Wind rising.
,,	12	7,404	—	6	Nb., Ci.-Cu., Ci.	—	NW	Obs.	S. slt.	½	—	0	Heavy snow SE, W, NW, and NE.
,,	14	7,411	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow.
,,	16	7,411	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow.
,,	18	7,412	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Slight granular snow falling.
,,	20	7,413	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Flaky snow.
5	8	7,420	—	10	Nb.	—	SE	Obs.	S. slt.	0	—	0	Two inches snow during night.
,,	10	7,425	—	10	Nb.	—	NW	Obs.	S. slt.	0	—	0	Granular snow.
,,	12	7,430	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Slight granular and spicular snow.
,,	14	7,435	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow.
,,	18	7,449	—	10	Nb.	—	—	Obs.	0	0	—	0	Heavy Cu. to SE.
,,	20	7,454	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Slight granular snow.
6	8	7,476	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Slight granular snow.
,,	10	7,476	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow.
,,	12	7,485	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow.
,,	14	7,501	—	9½	Nb., Scud.	—	—	Clr.	S. slt.	0	—	0	Granular and spicular snow.
,,	16	7,510	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Heavy flakes of snow. Mountains clear.
,,	18	7,519	—	10	Nb.	—	—	Obs.	0	0	—	0	
,,	20	7,519	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Heavy flake snow.
7	6	7,528	—	10	Nb., Cu.-Nb.	—	—	½ obs.	S. slt.	0	—	0	Calm half an hour ago.
,,	8	7,545	—	10	Nb., Scud. Cu.	—	E	Clr.	S. few cryst.	0	—	0	Crystals of snow falling.
,,	10	7,558	—	10	Nb.	—	—	Obs.	S. he.	0	—	0	Clouds closed in; heavy snow.
,,	12	7,559	—	9	St., Nb.	—	—	Obs.	S.	0	—	0	Slightly clearer; less snow.

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CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
April, 1911.													
7	14	7,560	—	10	Nb.	—	—	Obs.	S.	0	—	0	Flake snow.
,,	16	7,562	—	7	Ci.-Cu., Nb.	—	—	Obs.	S.	0	—	0	Granular snow.
,,	18	7,563	—	3	Nb., Scud.	—	—	Obs.	S. few cryst.	0	—	0	Slight granular snow.
,,	20	7,564	—	10	Nb.	—	—	Obs.	S.	0	—	0	Crystals of snow falling.
8	8	7,663	29·2	10	Nb.	—	—	Obs.	0	0	—	He.	Wind since dawn.
,,	10	7,746	44·6	8	Ci.-Cu., Ci.-St., Scud.	NW	SE	Obs.	0	1	—	He.	Sky cleared. Wind steady.
,,	12	7,825	36·2	9	St., Nb.	—	SE	Obs.	0	½	—	He.	Cape Adare capped with heavy snow cloud.
,,	14	7,898	44·8	10	Nb.	—	—	Obs.	0	0	—	Hc.	
,,	16	7,970	46·6	9	Ci.-Cu., Nb., Scud.	—	—	Obs.	0	0	—	Drft.	Wind about same
,,	18	8,044	15·2	10	Nb.	—	—	Obs.	0	0	—	Slt.	Wind dropping.
,,	20	8,074	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Wind ceased. Slight granular snow.
9	6	8,132	—	5	Ci.-Cu.	—	—	Obs.	0	0	—	—	
,,	8	8,213	—	5	Ci.-Cu., St.	—	—	Obs. d.	0	0	—	—	Strong wind. Sky clear to S.
,,	10	8,287	48·0	5	St., Ci.-Cu.	—	—	Obs. d.	0	0	—	Low	Wind recently dropped, but again rising.
,,	12	8,367	41·8	3	St., Cu.-St.	—	—	Obs. d.	0	1	—	Low	Sky clearing.
,,	14	8,444	21·4	1	St.	—	—	Obs. d.	0	2	—	Low	Wind very gusty.
,,	16	8,491	—	1	Cu., St.	—	—	Clr.	0	2	—	Intermittent.	Wind falling.
,,	18	8,509	—	1	Cu., St.	—	—	Clr.	0	½	—	0	
,,	20	8,528	—	1	Cu., St.	—	—	Clr.	0	0	—	0	
10	6	8,543	—	1	St.	—	NNE	Clr.	0	0	—	0	Heavy St. to N. Slight scud over Geikie Land.
,,	8	8,543	—	1	Cu., St.	—	ESE	Clr.	0	0	—	0	Glazed frost. Beautiful prismatic sunrise.
,,	10	8,546	—	1	Cu.	—	ESE	Obs. d.	0	0	—	0	
,,	12	8,586	28·6	1	St.-Cu., Scud.	—	ESE	Obs. d.	0	2	—	Low intermittent.	Clear wind.
,,	14	8,656	44·8	1	St.-Cu., Scud.	—	ESE	Obs. d.	0	2	—	Low intermittent	Wind increased.
,,	16	8,767	56·0	3	Ci.-Cu., St.-Cu.	—	—	Obs. d.	0	1½	—	He.	Ci. St. to N.
,,	18	8,880	148·6	3	Ci.-St., Cu.	—	—	Obs. d.	0	½	—	He.	
,,	20	9,012	—	3	Cu., Scud.	—	—	Obs. d.	0	0	—	He.	

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Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
April, 1911.													
11	6	—	—	1	St.	—	—	Obs. d.	0	0	—	0	
,,	8	—	—	1	Ci.-St, St.	—	—	Obs. d.	0	0	—	0	
,,	10	—	—	1	St.	—	—	½ Obs. d.	0	½	—	0	
,,	12	—	—	1	St.-Cu.	—	—	½ Obs. d.	0	2	—	0	
,,	14	—	—	½	Cu.	—	—	½ Obs. d.	0	2	—	0	
,,	16	—	—	1	St.-Cu.	—	—	½ Obs. d.	0	2	—	0	
,,	18	—	—	7	St.-Cu.	—	NE	Clr.	0	0	—	0	
,,	20	—	—	9	St.	—	—	Clr.	S. few eryst.	0	—	0	Slight snow.
12	6	—	—	9	Nb.	—	—	Clr.	S. few eryst.	0	—	0	
,,	8	9,198	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular snow falling.
,,	10	9,200	—	9	Cu. St.-Cu.	—	NE	Obs.	S.	0	—	0	Crystals and granular snow falling.
,	12	9,201	—	5	Ci.-Cu. St., St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	14	9,201	—	2	St.-Cu.	—	—	Clr.	0	2	—	0	
,,	16	9,209	—	2	Fr.-Nb., St.-Cu.	—	SE	Clr.	0	1	—	0	
,,	18	9,213	—	1	St.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	9,214	—	4	St.-Cu., Cu.	—	—	Clr.	0	0	NE	0	
13	8	9,235	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular snow falling.
,,	10	9,235	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	No change.
,,	12	9,244	—	7	Nb., St.-Cu.	SE	—	Clr.	S. few eryst.	0	—	0	Sky clearing. Nb. on Cape Adare.
,,	14	9,250	—	6	St.-Cu.	—	NW	Clr.	0	½	—	0	
,,	16	9,253	—	4	St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	18	9,257	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	9,259	—	9	St.-Cu.	—	—	Clr.	0	0	—	0	
14	8	9,311	—	10	Nb., Scud.	—	—	½ Obs.	0	0	—	Low	
,,	10	9,319	—	10	Nb.	—	—	Obs.	0	0	—	0	
,,	12	9,324	—	10	Nb.	—	—	Obs. S.	0	0	—	0	

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Day.	Hour.	Anemometer.		Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Miles Read.	Velocity.	Amount.	Kind.	Direction from Upper.	Direction from Lower.						
April, 1911.													
14	14	9,381	39·4	10	Nb.	—	—	Obs. d.	0	0	—	He.	Drift altogether disproportionate to local snow fall.
,,	16	9,458	44·8	10	Nb.	—	—	Obs. d.	0	0	—	He.	
,,	18	9,560	—	10	Nb.	—	—	Obs. d.	0	0	—	He.	
,,	20	9,660	—	10	Nb.	—	—	Obs. d.	0	0	—	He.	Drift heaviest yet.
15	6	9,728	—	10	Nb., St.-Cu.	—	—	Obs.	0	0	—	0	Heavy snow squalls to N and S.
,,	8	9,738	—	10	St.-Cu., Scud., Nb.	—	—	Obs. d.	0	0	—	0	Heavy drift along Cape Adare.
,,	10	9,753	—	10	Nb., Cu., St.-Cu.	—	ESE	Obs. d.	0	0	—	0	Heavy snow to N.
,,	12	9,777	—	10	Nb., Cu., Scud.	—	ESE	Obs. d.	0	0	—	0	Heavy snow-cloud to SE and E.
,,	14	9,788	—	10	St., Nb.	—	ESE	Obs.	0	¾	—	0	
,,	16	9,797	—	10	Nb., St.	—	—	½ Obs.	0	0	—	0	Clearing to W and S.
,,	18	9,804	—	10	Nb., St.	—	—	Obs.	0	0	—	0	Southerly wind just commenced.
,,	20	9,842	—	7	Ci.-Cu., St.	—	—	Obs.	0	0	—	Low	
16	8	9,976	—	8	St.	—	ESE	Clr.	0	0	—	0	
,,	10	9,996	—	3	St., Scud.	—	S	Clr.	0	0	—	0	
,,	12	10,031	—	2	Ci.-St., Cu.	—	—	Obs.	0	1½	—	0	
,,	14	10,058	—	8	St., Scud.	—	S	Clr.	0	½	—	0	
,,	16	10,085	—	9	St., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	18	10,101	—	10	St.	—	—	Clr.	0	0	—	0	
,,	20	10,109	—	10	St., Nb.	—	—	Clr.	0	0	—	0	
17	6	10,124	—	10	Nb.	—	—	Clr.	S. slt.	0	—	0	
,,	8	10,126	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Slight granular snow.
,,	10	10,134	—	10	Nb.	—	—	Obs.	S. few gran.	0	—	0	Heavy clouds to S.
,,	12	10,139	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	14	10,141	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	16	10,144	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	18	10,147	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Slight frost in anemometer.
,,	20	10,154	—	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	

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CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
April, 1911.													
18	6	10,213	—	10	St., Nb.	—	—	Clr.	S. few grains	0	—	0	
,,	8	10,221	—	10	St., Nb.	—	—	Clr.	0	0	—	0	
,,	10	10,225	—	10	St., Nb.	—	—	Clr.	S. slt.	0	—	0	
,,	12	10,229	—	10	St.-Cu.	—	—	Obs.	0	0	—	0	
,,	14	10,233	—	9	St.-Cu., Nb.	—	—	Clr.	S. slt.	0	—	0	Crystals (six rayed stars) falling.
,,	16	10,237	—	5	Ci.-St., St.-Cu., Scud.	—	S	Clr.	0	½	—	0	Ci.-St., radiant point NW.
,,	18	10,271	—	4	Ci.-St., Scud.	—	—	Obs. d.	0	0	—	Hc.	Ci.-St., radiant point NW.
,,	20	10,360	—	—	—	—	—	Obs.	0	0	—	Hc.	
19	6	—	—	10	St., Nb.	—	—	Obs.	0	0	—	0	Anemometer unscrewed and not working.
,,	8	10,607	—	10	St., Ci.-St.	—	—	Obs.	0	0	—	0	
,,	10	10,641	—	10	St.-Cu.,Nb.	—	—	½ obs.	0	0	—	0	
,,	12	10,662	—	10	Nb.	—	—	Obs.	0	0	—	0	Clearing from S.
,,	14	10,663	—	9	St.-Cu.,Nb.	—	—	Clr.	0	0	—	0	Clearing from S.
,,	16	10,688	—	9	St., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	18	10,704	—	3	St.-Cu., Ci.-St.	—	—	Clr.	0	0	—	0	
,,	20	10,743	—	1	St.	—	—	Obs. d.	0	0	—	Little	
20	8	Broken		1	Scud., St.-Cu.	—	S.	Clr.	0	0	—	0	Anemometer broken. Minimum dumb-bell shaken down.
,,	10	—	—	1	Ci.-St., St., Scud.	—	S.	Clr.	0	¼	—	0	A.-St. to N. tending NW and SE.
,,	12	—	—	2	Ci.-St.	—	—	Clr.	0	2	—	0	
,,	14	—	—	2	Ci.-St., St., A.-St., Scud.	—	S	Clr.	0	2	—	0	
,,	16	—	—	5	Ci.-St., St., Nb.,Scud.	—	S	W clr. N obs.	0	½	—	0	Faint Ci. - St. radiant, radiant point SW.
,,	18	—	—	9	St.-Cu., Nb.	—	S	W clr. N obs.	0	0	—	0	
,,	20	—	—	9	Nb.	—	—	W clr. N obs.	S. slt.	0	—	0	
21	6	—	—	10	St.-Cu., Nb.	—	—	Obs. S.	S. slt.	0	—	0	⅛ inch snow during night.
,,	8	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular and spicular snow.
,,	10	—	—	10	Nb.	—	—	Obs.	0	0	—	0	Another ¼ inch snow since 6 h.
,,	12	—	—	5	Nb., St.	—	W	Obs.	0	1½	—	0	Nb. to SE.

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CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
April, 1911.													
21	14	—	—	5	Nb., St.	—	W	Obs.	0	1½	—	0	St. to N. Nb. to SE.
,,	16	—	—	9	Ci.-Cu., Nb.	—	NW	Obs.	0	0	—	0	
,,	18	—	—	9	St.-Cu., Nb.	—	—	Obs.	S. slt.	0	—	0	Clear to W.
,,	20	—	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow ; ⅛ inch since 10 h.
22	8	—	—	9	Cu.-Nb.	—	—	Clr.	S. slt.	0	—	0	Granular snow ; ⅛ inch since 20 h.
,,	10	—	—	9½	Nb.	—	—	Clr.	0	0	—	0	Clear to S. and W.
,,	12	—	—	9	Nb.	—	—	½ obs.	0	0	—	0	Clear to NNW.
,,	14	—	—	9½	Cu.-Nb.	—	—	Clr.	0	0	—	0	Clear to SE.
,,	16	—	—	10	Cu.-Nb.	—	—	Clr.	S. slt.	0	—	0	Granular snow falling.
,,	18	—	—	10	Cu.-Nb.	—	—	Clr.	0	0	—	0	
,,	20	—	—	9	Cu.-Nb.	—	—	Clr.	S. few cryst.	0	—	0	Few grains of snow. Clear to S.
23	8	—	—	5	Scud.	—	NW	Clr.	0	0	—	0	Brilliant prismatic sky.
,,	10	—	—	1	Scud.	—	NW	Clr.	0	0	—	0	
,,	12	—	—	1	St.-Cu.	—	SE	Clr.	0	1¾	—	0	Scud moving rapidly over Cape Adare from SE.
,,	14	—	—	½	St.-Cu.	—	—	Clr.	0	2	—	0	
,,	16	—	—	½	St.-Cu.	—	—	Clr.	0	2	—	0	Brilliant prismatic sky SE and NW.
,,	18	—	—	½	St.-Cu.	—	—	Clr.	0	0	NW	0	Slight aurora to W.
,,	20	—	—	1	St.-Cu.	—	—	Clr.	0	0	NE	0	Cu. off north end of Cape Adare.
24	6	—	—	½	St.-Cu.	—	—	Clr.	0	0	NW	0	St.-Cu. on northern horizon.
,,	8	—	—	1	Scud., St.-Cu.	—	NW	Clr.	0	0	—	0	
,,	10	—	—	1	St.-Cu.	—	—	Clr.	0	0	—	0	
,,	12	—	—	1	A.-St., St.-Cu.	—	—	Clr.	0	2	—	0	A.-St. and St.-Cu. to N.
,,	14	948	—	1	A.-St. St.-Cu.	—	—	Clr.	0	2	—	0	
,,	16	954	—	3	St., A.-St., Scud., St.-Cu.	—	NE	Obs. c.	0	1½	—	0	Scud moving fast from NE.
,,	18	955	—	3	St., St.-Cu.	—	—	—	S. slt.	0	NE	0	Ice separating from air.
,,	20	955	—	1	St.-Cu.	—	—	Clr.	0	0	NE and NW	0	

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CAPE ADARE.

Day.	Hour.	Anemometer. Miles Read.	Anemometer. Velocity.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
April, 1911.													
25	6	972	—	1	St.-Cu., St.	—	—	Clr.	0	0	NE and NNW	0	Haze.
,,	8	972	—	3	Ci.-Cu., St., Nb.	—	NW	Clr.	0	0	—	0	
,,	10	972	—	9	St.	—	—	Clr.	0	0	—	0	Clear to SE and S.
,,	12	972	—	10	St.	—	—	Clr.	0	0	—	0	
,,	14	972	—	8	St., Scud.	—	NW	Clr.	S. few cryst.	1	—	0	
,,	16	975	—	9	St., St.-Cu.	—	—	Clr.	0	1½	—	0	
,,	18	—	—	3	St., Ci.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	—	—	3	St.	—	—	—	0	0	—	0	
26	6	—	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	A few flakes of snow falling.
,,	8	—	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Snow fog, like Scotch mist.
,,	10	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Flakes snow falling.
,,	12	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Star crystals of snow falling.
,,	16	—	—	10	Nb.	—	—	Obs.	0	0	—	0	Sky lightening a little.
,,	18	—	—	10	Nb.	—	—	Obs.	S. slt.	0	—	0	
,,	20	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Flakes of snow falling.
27	6	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular and spicular snow falling.
,,	8	995	—	10	Nb.	—	—	Obs.	S.	0	—	0	¾ inch snow during night (measured).
,,	10	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular and spicular snow.
,,	12	—	—	10	Nb.	—	—	Obs.	S.	0	—	0	Granular and spicular snow.
,,	14	—	—	9	Nb., St.-Cu., Scud.	—	—	Obs.	0	0	—	0	Clearer to W. Clouds much thinner.
,,	16	—	—	10	Nb., St., St.-Cu.	—	—	Obs.	0	0	—	0	Thick to S.
,,	18	—	—	10	Nb., St.-Cu.	—	—	Obs.	0	0	—	Slt.	Southerly wind starting.
,,	20	—	—	10	Nb., St.-Cu.	—	—	Obs.	S.	0	—	Low	Southerly wind starting.
28	8	1,155	—	10	Nb.	—	—	Obs.	0	0	—	Low	Little drift, all local.
,,	10	1,185	—	9	St.-Cu., Nb., Scud.	—	—	Obs.	0	0	—	Low inter.	Clearing on Geikie Land and to W.
,,	12	1,214	—	9	St.-Cu.	—	—	Obs.	0	0	—	Low inter.	No change.
,,	14	1,240	—	8	St.-Cu., Scud., Ci-Cu.	—	—	½ Obs.	0	0	—	Low inter.	Clearing to E and S.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
April, 1911.											
28	16	10	Nb.	—	—	½ Obs.	0	0	—	Low inter.	Clouds closed in again.
,,	18	8	Nb.	—	—	—	0	0	—	Low inter.	Clearing towards zenith.
,,	20	2	Scud., St.	—	—	—	0	0	NNW to NNE	Low	Arch of aurora NNW to NNE.
29	6	5	—	—	—	Obs.	S.	0	—	0	Fine, granular snow falling.
,,	8	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Spicular snow falling.
,,	10	10	Nb.	—	NE	Obs.	S. slt.	0	—	Low inter.	Heavy overcast weather.
,,	12	10	Nb.	—	—	Obs.	S. slt.	0	—	Low inter.	Spicular snow falling.
,,	14	10	Nb.	—	—	Obs.	S.	0	—	0	Spicular snow falling.
,,	16	10	Nb.	—	—	Obs.	S.	0	—	0	Spicular snow falling.
,,	18	6	Nb.	—	—	Obs.	S.	0	—	0	Spicular snow falling.
,,	20	2	Nb., St.-Cu.	—	—	Obs.	0	0	—	0	Clearing from zenith.
30	10	3	St., St.-Cu. Scud.	—	—	W. clr., N. obs.	0	0	—	0	
,,	12	2	St.-Cu.	—	NE	Clr.	0	1¾	—	0	Heavy St. to N and S.
,,	14	2	Ci.-St.	—	—	Clr.	0	2	—	0	
,,	16	2	Ci.-St., Ci.-Cu.	—	—	Clr.	0	1½	—	0	
,,	18	1	St.	—	—	Clr.	0	0	—	0	
,,	20	1	St.	—	—	Clr.	0	0	NW to SE	0	
May, 1911.											
1	6	1	St.	—	—	Clr.	0	0	NW to SE	0	
,,	8	7	Scud., St.-Cu.	—	—	Clr.	0	0	—	0	St.-Cu. radiating from N.
,,	10	6	Ci.-St., Ci., St., Nb.	N	E	Clr.	0	0	—	0	Ci.-St. radiating from N. Scud to W.
,,	12	8	St.	—	—	½ Obs.	0	0	—	0	
,,	14	8	St., Nb.	—	—	½ Obs.	0	1	—	0	
,,	16	9	St., Nb., Scud.	—	—	Clr.	0	½	—	0	Storm gathering to S and W.
,,	18	—	—	—	—	—	0	0	—	0	Bright streaks to westward.
,,	20	2	St., St.-Cu.	—	—	—	0	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
2	8	1	St., St.-Cu.	—	SE	Clr.	0	0	—	0	
,,	10	1	Ci., Ci.-St., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	12	1	Ci.-St.	—	—	Clr.	0	0	—	0	
,,	14	1	A.-St.	—	—	Clr.	0	2	—	0	
,,	16	1	A.-St., Ci.-St.	—	—	Clr.	0	1	—	0	
,,	18	1	Fr.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	2	St.-Cu.	—	—	Clr.	0	0	—	0	
3	6	5	St., St.-Cu., Nb.	—	NW	Clr.	0	0	—	0	
,,	8	5	St., St.-Cu., Nb.	—	—	Clr.	0	0	—	0	Overcast to NW.
,,	10	5	Ci.-St., Ci.Cu.,	NW	—	Clr.	0	0	—	0	
,,	12	7	St., Cu.-St., A.-St.	NE	—	Clr.	0	¾	—	0	
,,	14	6	Ci.-Cu., Ci., Ci.-St.	NW	—	Clr.	0	½	—	0	
,,	16	8	Ci.-Cu., St.	—	—	Clr.	0	0	—	0	
,,	18	9	Cu.	—	—	Clr.	0	0	—	0	Bright to W.
,,	20	7	Nb., Scud., Ci.	—	—	—	S. slt.	0	—	0	Slight spicular snow.
4	8	3	Ci.-Cu., St.-Cu., Scud.	—	SE	Obs.	0	0	—	0	Heavy cloud to N and S.
,,	10	4	Cu.-Nb.	—	—	Obs.	0	0	—	0	
,,	12	9	Nb., Scud.	—	—	Obs.	S. slt. gran.	¾	—	0	Nb. to S and SE. Granular snow.
,,	14	8	Nb., Scud.	—	SE	Obs.	S. slt.	0	—	0	Granular snow falling.
,,	16	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow falling.
,,	18	10	Nb.	—	—	Obs.	S. slt.	0	—	0	Granular snow falling.
,,	20	3	Nb.	—	—	Obs.	S.	0	—	0	Spicular snow falling.
5	6	10	St.-Cu., Nb.	—	—	Obs.	S. slt.	0	—	0	Slight granular snow falling.
,,	8	10	St.-Cu., Nb.	—	—	Obs.	S.	0	—	0	Few grains of snow.
,,	10	10	Nb., St.-Cu.	—	—	Obs.	0	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Direction from Upper.	Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
5	12	9	Nb.	—	—	Obs.	0	0	—	0	Thick to S.
,,	14	9	Nb., St.-Cu., Scud.	—	—	Obs.	0	0	—	0	Clear to SW.
,,	16	9	Nb.	—	—	Obs.	S.	0	—	0	Granular snow.
,,	18	9	Nb., St.-Cu.	—	—	Obs.	0	0	N to NNE	Low inter.	S wind commencing.
,,	20	—	—	—	—	Obs.	—	0	—	He.	Wind rising.
6	8	10	Nb.	—	—	Obs.	—	0	—	He.	Wind hellish ; pebbles flying.
,,	10	10	Nb.	—	—	Obs.	0	0	—	He.	Decreased a little.
,,	12	10	Nb.	—	—	Obs.	0	0	—	He.	About same.
,,	14	10	Nb.	—	—	Obs.	0	0	—	He.	No change.
,,	16	10	Nb.	—	—	Obs.	0	0	—	He.	Less wind, more drift.
,,	18	10	Nb.	—	—	Obs.	S. he.	0	—	Drift	Wind moderating. Spicular snow.
,,	20	10	Nb.	—	—	Obs.	S. he.	0	—	Drift	Wind very gusty.
7	8	10	Nb., Scud.	—	—	Obs.	0	0	—	0	Very thick to S.
,,	10	10	Scud., Nb., St.-Cu.	—	SE	Obs.	0	0	—	Low inter.	Heavy drift flying off Cape Adare.
,,	12	10	Nb.	—	—	Obs.	0	0	—	Low	Squalls at intervals with heavy low drift.
,,	14	10	St.-Cu., Nb.	—	SE	Obs.	0	0	—	Inter.	Wind increasing rapidly : very squally.
,,	16	10	Nb.	—	—	Obs.	0	0	—	He.	Wind increasing.
,,	18	10	Nb.	—	—	Obs.	0	0	—	He.	Wind increasing and steadier.
,,	20	10	Nb.	—	—	Obs.	0	0	—	He.	Wind hurricane force in gust.
8	8	10	Nb.	—	—	Obs.	0	0	—	Slt.	More wind, less drift.
,,	10	10	Nb.	—	—	Obs.	S. slt.	0	—	Slt.	
,,	12	10	St.-Cu., Nb., Scud.	—	ESE	Obs.	S. slt.	0	—	Slt.	Heavy whale-backed Cu. to N.
,,	14	10	Nb., Scud.	—	ESE	Obs.	S. slt.	$\frac{1}{4}$	—	Slt.	Slight snow ; little drift.
,,	16	10	Nb., St.-Cu.	—	ESE	Obs.	S. slt.	0	—	Slt.	Wind stronger again.
,,	18	10	Nb.	—	ESE	Obs.	0	0	—	Slt.	
,,	20	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Sky lightening.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May. 1911.											
9	8	10	Nb.	—	—	Obs.	0	0	—	Slt.	Very heavy blizzard.
,,	10	10	Nb.	—	—	Obs.	0	0	—	Slt.	
,,	12	10	Nb.	—	—	Obs	0	0	—	Slt.	
,,	14	10	Nb., St., St.-Cu.	—	—	Obs.	0	0	—	Slt.	
,,	16	10	Nb.	—	—	Obs.	0	0	—	Slt.	
,,	18	10	Nb., St.-Cu.	—	—	Obs.	0	0	—	Slt.	
,,	20	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	Slt.	Gusts incredible.
10	8	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	Slt.	Wind much less.
,,	10	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	No change.
,,	12	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	14	10	Nb.	—	—	Obs.	0	0	—	0	
,,	16	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	St.-Cu., Nb., St.	—	—	Obs.	0	0	—	0	
,,	20	10	St.-Cu., St., Nb.	—	—	Obs.	0	0	—	0	
11	8	10	St.-Cu., St., Nb.	—	—	Obs.	0	0	—	0	Wind moderate.
,,	10	10	St.-Cu., St., Nb.	—	—	Obs.	0	0	—	0	Wind moderate.
,,	12	8	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Clearing to SE.
,,	14	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Thickened again to S.
,,	16	10	St., Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Wind hurricane force in gusts.
,,	20	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Moon shining through cloud haze.
12	8	4	Cu., Scud., St.	—	S	Obs.	0	0	—	0	Sky cleared. Wind less.
,,	10	7	Scud., Ci.-St., Ci.	—	S	Obs.	0	0	—	0	Ci.-St. radiating from E.
,,	12	5	Cu., Nb.	—	—	Obs.	0	½	—	0	Clear to N. Heavy Nb. SW and W.
,,	14	5	Cu., Nb., Scud.	—	—	Obs.	0	½	—	0	
,,	16	8	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	18	7	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	20	8	Cu., Scud.	—	—	Obs.	0	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
13	8	8	St., Scud.	—	—	Obs.	0	0	—	0	Wind much less and steadier.
,,	10	8	St., Scud.	—	—	Obs.	0	0	—	0	
,,	12	3	Cu., Nb.	—	—	½ Obs.	0	1½	—	0	Heavy Nb. to W and over Geikie Land.
,,	14	4	Nb., Scud.	—	S	½ Obs.	0	½	—	0	
,,	16	4	Nb., Scud.	—	S	Clr.	0	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S.	0	—	0	Slight spicular and granular snow.
,,	20	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
14	8	10	Nb.	—	—	Obs.	S.	0	—	0	Granular snow falling.
,,	10	10	Nb.	—	—	Obs.	S.	0	—	0	Granular snow falling.
,,	12	9½	Nb.	—	—	Obs.	S.	0	—	0	Slight granular snow.
,,	14	10	Nb.	—	—	Obs.	S.	0	—	0	Slight granular snow.
,,	16	10	Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	Nb.	—	—	Obs.	0	0	—	0	
,,	20	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Breeze springing up.
15	8	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Moon shining through snow-cloud haze.
,,	10	4	St., Scud., Nb.	—	S.	Obs.	S. few gran.	0	—	0	Nb. all round horizon from 10° altitude.
,,	12	10	Nb., Scud.	—	—	Obs.	S.	0	—	0	Slight granular snow.
,,	14	10	Nb., Scud.	—	—	Obs.	0	0	—	0	
,,	16	10	Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	20	10	Nb.	—	—	Obs.	S. gran.	0	—	0	
16	10	10	Nb.	—	—	Obs.	S	0	—	0	Granular and spicular snow.
,,	12	10	Nb.	—	—	Obs.	S. gran.	0	—	He.	Heavy combined drift and snow in gusts.
,,	14	10	Nb.	—	—	Obs.	S. gran.	0	—	He.	
,,	16	10	Nb.	—	—	Obs.	0	0	—	He.	
,,	18	10	Nb.	—	—	Obs.	0	0	—	Slt.	Wind very strong.
,,	20	10	Nb.	—	—	Obs.	0	0	—	Slt.	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
17	4	5	Ci.-Cu., Scud., St.	—	—	Obs.	0	0	—	0	Wind nearly gone. Moon shining.
,,	6	3	St., Ci.-Cu.	—	—	Clr.	0	0	—	0	Close halo round moon.
,,	8	9	Ci-Cu,	—	—	Clr.	0	0	—	0	Close halo, white and brown round moon.
,,	10	9½	St., St.-Cu.	—	—	½ obs.	0	0	—	0	Clear to NE.
,,	12	10	Nb.	—	—	½ obs.	S gran.	0	—	0	Snow falling as granules the size of a pin's head, and smaller.
,,	14	10	Nb.	—	—	Obs.	S gran.	0	—	0	
,,	16	10	Nb.	—	—	Obs.	S.	0	—	0	Spicular snow.
,,	18	8	Nb.	—	—	Obs.	S gran.	0	—	0	A little clearer to the S than anywhere else.
,,	20	10	Nb.	—	—	Obs.	S slt. gran.	0	—	0	
,,	22	—	—	—	—	—	0	0	—	0	
,,	24	—	—	—	—	—	0	0	—	0	
18	2	10	Nb.	—	—	Obs.	0	0	—	0	Wind in gusts, now S and now E.
,,	4	10	Nb.	—	—	Obs.	S gran. spic.	0	—	0	Moon shining through Nb. haze.
,,	6	10	Nb.	—	—	Obs.	S gran.	0	—	0	Wind in gusts.
,,	8	10	Nb.	—	—	Obs.	S spic.	0	—	0	
,,	10	10	St.-Cu. Nb.	—	—	Obs.	S	0	—	He.	Heavy intermittent drift.
,,	12	10	Nb.	—	—	Obs.	—	0	—	He.	Wind increased.
,,	14	10	Nb.	—	—	Obs.	S	0	—	He.	Wind a little less.
,,	16	10	Nb.	—	—	Obs.	S	0	—	Slt.	Wind dropping.
,,	18	10	Nb.	—	—	Obs.	0	0	—	Slt.	Wind up again.
,,	20	10	Nb.	—	—	Obs.	0	0	—	Very slt.	Sky lightening to S. Wind in gusts from E and S.
,,	22	10	Nb.	—	—	Obs.	0	0	—	Slt.	
,,	24	10	St.-Cu. Nb., Scud.	—	—	Obs.	0	—	—	Slt.	
19	2	10	St.-Cu. St.	—	—	Obs.	0	—	—	Slt.	
,,	4	10	St.-Cu. St.	—	—	Obs.	0	—	—	0	
,,	6	10	St.-Cu.	—	—	Obs.	0	—	—	0	
,,	8	10	St.-Cu.	—	—	Obs.	0	—	—	0	
,,	10	10	Scud. Haze	—	—	Obs.	0	—	—	0	Moon shining through haze.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
19	12	5	Ci.-St., St., Nb.	—	—	Obs.	0	—	—	0	Ci-St. radiant point N. Nb. near horizon. St. and Scud. radiant point WNW.
,,	14	6	St. Scud. Nb.	—	—	Obs.	0	—	—	0	St. radiant point WNW. Nb. on horizon. Thin haze.
,,	16	6	St. Scud. Nb.	—	—	Obs.	0	—	—	0	
,,	18	8	St.	—	—	Obs.	0	—	SE to N	0	Aurora, altitude 70°.
,,	20	10	Nb.	—	—	Obs.	S.	—	—	0	Granular and spicular snow.
,,	22	10	Nb.	—	—	Obs.	S.	—	—	0	Granular and spicular snow.
,,	24	10	Nb.	—	—	Obs.	S.	—	—	0	Slight snow.
20	2	8	Nb., St., Scud.	—	—	Obs.	0	—	—	0	Green, purple, brown, white halo round moon.
,,	4	10	St.-Cu.	—	—	Obs.	S. slt. gran.	—	—	0	Slight granular snow.
,,	6	3	Ci.-Cu., St.-Cu.	—	—	Clr.	0	—	Zenith	0	Small whitish green halo round moon.
,,	8	2	A.-St., Scud.	—	—	½ obs.	0	—	NW	0	
,,	10	5	Scud., St., Cu.	—	—	½ obs.	0	—	—	0	Pink sunrise.
,,	12	9	St.	—	—	Clr.	0	—	—	0	Radiant from W.
,,	14	3	St., Scud.	—	—	Clr.	0	—	—	0	St. radiant point W. Scud between rays at focus.
,,	16	3	A.-St.	—	—	Clr.	0	—	—	0	
,,	18	5	Nb.	—	—	Clr.	0	—	—	0	Clear space near zenith.
,,	20	10	St.-Cu., Nb.	—	—	Clr.	S. slt. gran	—	—	0	Sky overcast from E and S.
,,	22	9	Nb.	—	—	Obs.	0	—	—	0	Snowstorm with falling snow to WNW.
,,	24	9	Nb.	—	—	Clr.	0	—	—	0	
21	2	—	—	—	—	—	—	—	—	—	
,,	4	2	Scud.	—	—	Clr.	0	—	—	0	Broad white halo, with brown border round moon.
,,	6	6	Cu.	—	—	Clr.	0	—	W	0	Same halo round moon. Aurora curtains W to zenith.
,,	8	1	St.-Cu.	—	W	Obs.	0	—	—	0	Light Scud to N. passing W to E.
,,	10	10	Nb., St.-Cu.	—	—	Obs.	0	—	—	0	
,,	12	10	Nb.	—	—	Obs.	S. slt.	—	—	0	
,,	14	10	Nb.	—	—	Obs.	0	—	—	0	Bubbles in minimum thermometer.
,,	16	10	Nb.	—	—	Obs.	0	—	—	0	Sky lightening towards NNW.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
21	18	10	Nb.	—	—	Obs.	S. slt. gran.	—	—	0	
,,	20	10	Nb.	—	—	Obs.	S. gran.	—	—	0	
,,	22	10	Nb.	—	—	Obs.	0	—	—	0	
,,	24	10	Nb.	—	—	Obs.	0	—	—	0	
22	2	2	St., Scud.	—	—	Clr.	0	—	NNW to ESE	0	Moon very hazy.
,,	4	1	St.	—	—	Clr.	0	—	NNW to ESE	0	
,,	6	1	St.-Cu.	—	—	Clr.	0	—	W and NE	0	
,,	8	1	St.-Cu.	—	—	Obs.	0	—	—	0	
,,	10	1	Scud., St.-Cu.	—	SE	Obs.	0	—	—	0	Scud forming on Cape Adare and moving N.
,,	12	1	Scud.	—	SE	Clr.	0	—	—	0	Scud forming on Cape Adare and moving N.
,,	14	½	Cu., St.-Cu.	—	—	Clr.	0	—	—	0	St.-Cu. on N. horizon.
,,	16	½	Cu., St.-Cu.	—	—	Clr.	0	—	—	0	St.-Cu. and Cu. to N.
,,	18	1	St.-Cu.	—	—	Clr.	0	—	NNW to NNE	0	Clouds in front of aurora to NNW.
,,	20	2	St.-Cu. St.	—	—	Clr.	S.	—	NNW to to NE and zenith	0	Few grains of snow.
,,	22	5	Nb. haze	—	—	—	S. slt. gran.	—	—	0	Sky becoming overcast and hazy.
,,	24	10	Haze	—	—	—	S. slt. gran.	—	—	—	Overcast sky; slight snow.
23	2	10	Nb.	—	—	Obs.	S. gran.	—	N to NE	0	Auroral glow behind and above Cape Adare.
,,	4	10	Nb.	—	—	Obs.	S. gran.	—	—	0	
,,	6	10	Nb.	—	—	Obs.	S. gran.	—	—	0	Heavy granular snow falling.
,,	8	8	Ci., St.-Cu.	—	—	Obs.	S. gran.	—	—	0	
,,	10	8	Scud. Nb.	—	SE	Obs.	0	—	—	Low inter.	Scud. and drift moving NW off Cape Adare.
,,	12	6	Nb., St., Scud.	—	SE	Obs.	S. gran.	—	—	0	Clear to E.
,,	14	6	St. Scud.	—	SE	Clr.	0	—	—	0	Clear to E, S, and N.
,,	16	2	St., Scud.	—	—	Obs.	0	—	—	0	
,,	18	1	Cu.	—	—	Obs.	0	—	—	0	Clouded to N.
,,	20	1	St.	—	—	Obs.	0	—	—	0	Clouded to W. and SE.
,,	22	2	St.	—	—	—	S	—	—	0	Slight haze over unclouded sky. Few grains of snow.
,,	24	2	St.	—	—	—	0	—	N	0	Aurora to N; curtains.

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May, 1911.											
24	2	2	St., St.-Cu.	—	—	—	S. few spic.	—	N to NW	0	Slight aurora as faint circular arch.
,,	4	1	St.-Cu.	—	—	Obs.	S. spic.	—	—	0	Snow falling out of haze through which stars are plainly visible.
,,	6	2	Nb.	—	—	Obs.	S. spic.	—	zenith	0	Aurora curtains in zenith; clouded SE.
,,	8	4	St.-Cu.	—	—	Obs.	0	—	—	0	
,,	10	5	Nb., St.	—	—	Obs.	0	—	—	0	Thick to S and SE.
,,	12	8	Nb., Cu.	—	—	Obs.	S. slt. spic.	—	—	0	Heavy Nb. over Cape Adare and Geikie Land.
,,	14	4	Scud., Nb., St.	—	—	Obs.	0	—	—	0	Clearing from zenith. Thick S and E.
,,	16	5	Nb., St.	—	—	Obs.	S. gran. slt.	—	—	0	Slight snow falling from hazy sky.
,,	18	5	Nb., Cu.	—	—	Obs.	S. slt. gran.	—	—	0	Stars shining through haze.
,,	20	1	St.	—	—	Obs.	0	—	N to NE	0	Auroral glow, N to NE
,,	22	2	St.	—	—	Obs.	S. slt.	—	—	0	Snow falling from hazy sky. Stars shining.
,,	24	1	St.	—	—	Obs.	0	—	—	0	
25	2	1	St.	—	—	Obs.	0	—	NNW to SE and WNW	0	Auroral spiral NNW to N to NW to SE. Detached curtains to WNW.
,,	4	1	St.	—	—	Obs.	0	—	NW zenith SE	0	Aurora NW via zenith to SE.
,,	6	1	St.	—	—	Obs.	0	—	NW to SE	0	Faint aurora NW to SE.
,,	8	1	St.	—	—	Clr.	0	—	—	0	
,,	10	1/16	St.	—	—	Clr.	0	—	—	0	Very slight St. over W mountains.
,,	12	1/2	St.	—	—	Clr.	0	—	—	0	Prismatic sky all round horizon.
,,	14	0	—	—	—	Clr.	0	—	—	0	Not a cloud in the sky.
,,	16	0	—	—	—	Clr.	0	—	—	0	Ideal weather.
,,	18	0	—	—	—	Clr.	0	—	—	0	
,,	20	0	—	—	—	Clr.	0	—	NW to NE	0	Aurora NW to NE, 10° to 20° altitude.
,,	22	0	—	—	—	Clr.	0	—	NW to NE	0	Aurora NW to NE.
,,	24	0	—	—	—	Clr.	0	—	NW to E and N	0	Very light aurora.
26	2	0	—	—	—	Clr.	0	—	W to NNW and SSE	0	Bright green aurora.
,,	4	0	—	—	—	Clr.	0	—	W to NNW and ESE	0	Bright green aurora.
,,	6	0	—	—	—	Clr.	0	—	NW to SE	0	

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May, 1911.											
26	8	1/10	St.-Cu.	—	—	Clr.	0	—	—	0	A little aurora.
,,	10	1/10	St.-Cu.	—	—	Clr.	0	—	—	0	A little St.-Cu. on N horizon.
,,	12	1/10	St.-Cu.	—	—	Clr.	0	—	—	0	
,,	14	1/10	St.-Cu.	—	—	Clr.	0	—	—	0	
,,	16	1/10	—	—	—	Clr.	0	—	—	0	
,,	18	0	—	—	—	Clr.	0	—	—	0	Falling star NE to E.
,,	20	0	—	—	—	Clr.	0	—	—	0	Falling star SSW.
,,	22	0	—	—	—	Clr.	0	—	—	0	
,,	24	0	—	—	—	Clr.	0	—	—	0	
27	2	0	—	—	—	Clr.	0	—	NW to SE. W and S	0	
,,	4	0	—	—	—	Clr.	S. slt. spic.	—	Zenith	0	Slight spicular snow out of haze, through which stars shine.
,,	6	0	—	—	—	Obs.	S. slt. spic.	—	SW to SE and N	0	Spicular snow falling. Haze.
,,	8	4	Nb.	—	S	Obs.	S. gran.	—	—	0	
,,	10	3	Nb.	—	S	Obs.	0	—	—	0	Clouds moving at moderate rate from S.
,,	12	2	Nb., Scud.	—	ESE	Obs.	0	—	—	0	Scud. moving very fast over Cape Adare.
,,	14	1	Nb.	—	SE	Obs.	0	—	—	0	
,,	16	1	St.-Cu.	—	—	Obs.	0	—	ESE towards zenith.	0	
,,	18	0	—	—	—	—	0	—	None	0	
,,	20	0	—	—	—	—	0	—	ESE to WNW	0	
,,	22	0	—	—	—	—	0	—	N to NW	0	
,,	24	1	Nb.	—	—	Obs.	0	—	N to NW N to S	0	
28	4	0	—	—	—	Obs.	S. slt. spic.	—	None	0	Spicular snow falling. Stars shining through haze.
,,	6	0	—	—	—	Obs.	0	—	NW to SW to zenith.	0	
,,	8	1/10	A.-St.	—	—	Clr.	0	—	None	0	
,,	10	1	A.-St.	—	—	Clr.	0	—	—	0	A.-St. N to W and SE.
,,	12	1	A.-St.	—	—	Clr.	0	—	—	0	
,,	14	1	A.-St.	—	—	Clr.	0	—	—	0	A.-St. NE to SW.

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May, 1911.											
28	16	1	St.-Cu. A.-St.	—	—	Clr.	0	—	—	0	A.-St. and St.-Cu. SW and SE.
,,	18	1	St.-Cu. A.-St.	—	—	Clr.	0	—	NW to SE	0	
,,	20	1	St.-Cu. A.-St.	—	—	Clr.	0	—	N 20 W to N 30 W	0	
,,	22	0	—	—	—	Clr.	0	—	NNW to NE	0	
,,	24	0	—	—	—	Clr.	0	—	N to N 20 E	0	
29	2	0	—	—	—	Clr.	0	—	NW to zenith to S and SE	0	
,,	4	0	—	—	—	Clr.	0	—	NNW to SSE	0	
,,	6	0	—	—	—	Clr.	0	—	NW, W, and SE	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	E, NW, W and N	0	
,,	10	3	Scud. St.	—	N	Obs.	0	—	—	0	Cloud spreading from Cape Adare and off Warning Glacier.
,,	12	1	Scud. St.	—	—	Obs.	0	—	—	0	
,,	14	1	St.-Cu. Nb.	—	—	Obs.	0	—	—	0	
,,	16	7	St.-Cu. Nb.	—	—	Obs.	0	—	—	0	
,,	18	2	St.	—	—	Obs.	0	—	NE to NW	0	
,,	20	2	St.	—	—	Obs.	0	—	None	0	
,,	22	0	—	—	—	Clr.	0	—	NW to N 20 E	0	
,,	24	1	St.-Cu.	—	—	Obs.	0	—	NW	0	
30	2	0	—	—	—	Clr.	0	—	NW to SSE	0	
,,	4	0	—	—	—	Clr.	0	—	NW to SSE	0	
,,	6	0	—	—	—	Clr.	0	—	SW to N, W, E	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	—	0	
,,	10	0	—	—	—	Clr.	0	—	—	0	
,,	12	0	—	—	—	Clr.	0	—	—	0	Drift off Cape Adare and to N.
,,	14	$\frac{1}{10}$	St.	—	—	Clr.	0	—	—	0	
,,	16	0	—	—	—	Clr.	0	—	—	0	NW wind force 5 to 6 for ten minutes at 14 h. 30 m.
,,	18	1	St.	—	NW	Clr.	0	—	None	0	Clouds to W.
,,	20	1	St.	—	—	Clr.	0	—	None	0	Clouds to W.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
May, 1911.											
30	22	0	—	—	—	Clr.	0	—	None	0	
,,	24	2	St.	—	—	Clr.	0	—	NW to N	0	
31	2	2	St.	—	—	Obs.	0	—	NNW to SE	0	
,,	4	1	St.	—	—	Obs.	0	—	NNW to ESE	0	Thick to S.
,,	6	1	St.	—	—	Obs.	0	—	NW	0	
,,	8	1	St.	—	—	Clr.	0	—	NW	0	
,,	10	4	St.-Cu., Nb.	—	SE	Clr.	0	—	—	0	Nb. moving from SE over Cape Adare.
,,	12	10	Nb.	—	—	Obs.	S. spic.	—	—	0	Thickening from Cape Adare.
,,	14	5	Haze. Nb.	—	—	Obs.	0	—	—	0	Clearing at zenith and to E.
,,	16	1	St., Scud.	—	—	Obs.	0	—	—	0	St.-Cu. and Scud to N.
,,	18	1	St.-Cu.	—	—	Clr.	0	—	NNW to NE	0	St.-Cu. to N.
,,	20	1	St.-Cu.	—	—	Clr.	0	—	WNW to E	0	St.-Cu. to N.
,,	22	1	St.	—	—	Clr.	0	—	N 30 W to N 20 E	0	
,,	24	1	St.	—	—	Clr.	0	—	NW to NNE	0	
June, 1911.											
1	2	1	St.	—	—	Clr.	0	—	NW to NNE	0	
,,	4	1	St.	—	—	Clr.	0	—	NNW to ESE	0	
,,	6	0	St.	—	—	Clr.	0	—	NNW to NNE	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	NW	0	
,,	10	1	St.-Cu.	—	ESE	Clr.	0	—	—	0	St. and St.-Cu. to N all night.
,,	12	—	—	—	—	—	—	—	—	—	
,,	14	1	Scud., St.-Cu.	—	ESE	Obs.	0	—	—	0	Drift off Cape Adare and W of J. M. Glacier.
,,	16	4	Scud., St.-Cu., Nb.	—	ESE	Obs.	0	—	—	0	Drift from Cape Adare and W. of J. M. Glacier.
,,	18	3	Scud., St.-Cu., Nb.	—	ESE	Obs.	0	—	—	Slt.	
,,	20	—	—	—	—	Obs.	0	—	—	He.	Wind increasing and drift heavy.
,,	22	9	Nb.	—	—	Obs.	0	—	N 20 E	0	Wind lulled.
,,	24	10	Nb.	—	—	Obs.	0	—	—	Slt.	Wind gusty.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
2	2	10	Nb.	—	—	Obs.	0	—	—	0	Wind steady, not strong.
,,	4	10	Nb.	—	—	Obs.	0	—	—	0	
,,	6	4	St.-Cu.	—	—	Obs.	0	—	None	0	
,,	8	10	Nb.	—	—	Obs.	0	—	—	0	
,,	10	10	St.-Cu. St.	—	—	Obs.	0	—	—	0	
,,	12	10	Nb.	—	—	Obs.	S. slt. gran.	—	—	0	Wind dropped.
,,	14	9½	Nb.	—	—	Obs.	S. slt. gran.	—	—	0	Clear on W horizon.
,,	16	9½	Nb.	—	—	Obs.	S. slt. gran.	—	—	0	
,,	18	10	Nb.	—	—	Obs.	S. slt. gran.	—	—	0	
,,	20	10	Nb.	—	—	Obs.	0	—	—	0	
,,	22	5	Haze, Nb.	—	—	Obs.	0	—	NW	0	Clearing towards zenith. Stars shining through haze.
,,	24	5	Haze, Nb.	—	—	Obs.	0	—	None	0	Sky clear except to northward.
3	2	2	Haze, Nb.	—	—	Obs.	0	—	NW	0	Heavy clouds to S.
,,	4	1	Nb.	—	—	Obs.	0	—	None	0	
,,	6	1	Nb.	—	—	Obs.	0	—	NW to SE	0	
,,	8	2	Nb. St.-Cu.	—	—	Clr.	0	—	None	0	
,,	10	½	St.	—	—	Clr.	0	—	—	0	St. over Geikie Land.
,,	12	0	—	—	—	Clr.	0	—	—	0	Prismatic sky N to W, blue, yellow, red.
,,	14	0	—	—	—	Clr.	0	—	—	0	
,,	16	0	—	—	—	Clr.	0	—	NNE to N by W	0	
,,	18	0	—	—	—	Clr.	0	—	NW to NE	0	
,,	20	3	St., St.-Cu.	—	—	Obs.	0	—	None	0	Clouds to N, E, and S.
,,	22	1	St.,	—	—	Obs.	0	—	None	0	Glazed frost on instruments. Thin haze all over sky.
,,	24	1	Nb.	—	—	Clr.	0	—	None	0	
4	2	1	St.	—	—	Clr.	0	—	None	0	
,,	4	2	St.	—	—	Clr.	0	—	None	0	
,,	6	—	Haze	—	—	Obs.	0	—	None	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
4	8	3	Ci-Cu., St.-Cu.	—	—	Clr.	0	—	None	0	
,,	10	6	Ci-Cu., St.	—	—	Clr.	0	—	—	0	
,,	12	4	Ci.-Cu., St.-Cu.	—	—	Clr.	0	—	—	0	Clouded to N and W.
,,	14	10	Nb.	—	—	Obs.	0	—	—	0	Nb. haze spread over sky from land surfaces.
,,	16	10	Nb.	—	—	Obs.	0	—	—	0	Heavy hoar-frost.
,,	18	10	Nb.	—	—	Obs.	0	—	—	0	Heavy hoar-frost.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	—	—	0	Heavy hoar-frost.
,,	22	7	Nb., haze	—	—	Obs.	0	—	None	0	Haze clearing towards zenith.
,,	24	6	Nb., haze	—	—	Obs.	0	—	None	0	
5	2	4	Nb.	—	—	Obs.	0	—	None	0	Nb.; haze near horizon. Clear zenith.
,,	4	3	Nb.	—	—	Obs.	0	—	NW to NE	0	Haze.
,,	6	8	Nb.	—	—	Obs.	—	—	None	0	Haze.
,,	8	10	Nb.	—	—	Obs.	0	—	—	0	Heavy hoar-frost.
,,	10	10	St., Nb.	—	—	Obs.	0	—	—	0	
,,	12	10	Nb.	—	—	Obs.	0	—	—	0	
,,	14	10	Nb.	—	—	Obs.	0	—	—	0	
,,	16	5	Nb., haze	—	—	Clr.	0	—	None	0	Clearing from zenith.
,,	18	1	Nb., haze	—	—	Obs.	0	—	None	0	60° halo round moon.
,,	20	2	Nb., haze	—	—	Obs.	0	—	NNW to SSE	0	60° halo round moon.
,,	22	3	Nb., haze	—	—	Obs.	0	—	None	0	60° halo round moon.
,,	24	2	Nb., St.	—	—	Obs.	0	—	None	0	
6	2	—	—	—	—	—	—	—	—	—	
,,	4	1	—	—	—	Clr.	0	—	NNW to SSE	0	Slight haze. Fine aurora.
,,	6	0	St.-Cu.	—	—	Clr.	0	—	NW to SE	0	
,,	8	1	A.-St.	—	—	Clr.	0	—	NW to SE	0	
,,	10	1	St.	—	—	Clr.	0	—	—	0	Clouds on N horizon.
,,	12	½	St.	—	—	Clr.	0	—	—	0	Brilliant prismatic sky.
,,	14	½	—	—	—	Clr.	0	—	—	0	St. to N.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
6	16	0	—	—	—	Clr.	0	—	None	0	
,,	18	0	—	—	—	Clr.	0	—	None	0	
,,	20	0	—	—	—	Clr.	0	—	N to C. Adare	0	
,,	22	0	—	—	—	Clr.	0	—	None	0	
,,	24	0	—	—	—	Clr.	0	—	None	0	
7	2	0	—	—	—	Clr.	0	—	NNW to SSE	0	
,,	4	0	—	—	—	Clr.	0	—	NW to SE	0	
,,	6	0	—	—	—	½ Obs.	0	—	NW by W	0	
,,	8	2	St.-Cu.	—	—	Clr.	0	—	WNW to ESE	0	
,,	10	2	Nb., A.-St.	—	NE	Clr.	0	—	—	0	Dense snow cloud forming to N.
,,	12	3	Cu.	—	NE	Clr.	0	—	—	0	Clouded to N and W.
,,	14	3	St.-Cu., Cu.	—	—	Clr.	0	—	—	0	
,,	16	0	—	—	—	Clr.	0	—	None	0	
,,	18	1	St.	—	—	Clr.	0	—	None	0	St. off Cape Adare.
,,	20	9	Ci.-Cu., St.	—	—	Obs.	0	—	None	0	Close halo round moon.
,,	22	10	Nb.	—	—	Obs.	0	—	None	0	Moon just visible through mist.
,,	24	5	Cu., Nb.	—	—	Obs.	0	—	None	0	
8	2	—	—	—	—	—	—	—	—	—	
,,	4	—	Haze	—	—	Obs.	0	—	NW to SE	0	Heavy frost.
,,	6	0	—	—	—	Clr.	0	—	W to SE., NW to NE	0	
,,	8	¼	St.	—	—	Clr.	0	—	NW to SE	0	
,,	10	1	Ci.-St.	—	—	Clr.	0	—	—	0	Light Ci.-St. to S.
,,	12	3	Ci.-St.	—	—	Clr.	0	—	—	0	Prismatic sky.
,,	14	½	Ci.-St.	—	—	Clr.	0	—	—	0	Prismatic sky.
,,	16	0	—	—	—	Clr.	0	—	None	0	Prismatic sky.
,,	18	0	—	—	—	Clr.	0	—	None	0	
,,	20	½	St.	—	—	Clr.	0	—	None	0	St. to N.
,,	22	3	Ci.-Cu.	—	—	Clr.	0	—	None	0	Orange halo close round moon

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
8	24	10	Cu.	—	—	Clr.	0	—	None	0	Moon faintly seen through clouds.
9	2	9	Ci.-Cu.. St.	—	—	Clr.	S. slt.	—	None	0	Halo brown to white close round moon.
,,	4	10	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	
,,	6	10	Nb.	—	—	Obs.	0	—	None	0	
,,	8	3	Nb.	—	—	Obs.	S. slt. gran.	—	Zenith	0	
,,	10	5	St.-Cu., St.	—	—	Obs.	S. slt. gran.	—	—	0	¼ inch of snow during night.
,,	12	5	St.-Cu., Ci.-Cu., St.	—	—	Clr.	S. slt. gran.	—	—	0	
,,	14	6	St., St.-Cu., Ci.-Cu.	—	—	Clr.	0	—	—	0	Clouds forming on Cape Adare.
,,	16	5	St.-Cu., St.	—	—	Clr.	0	—	None	0	Halo round moon. Clear W.
,,	18	10	—	—	—	Clr.	0	—	None	0	
,,	20	2	St., Scud.	—	E	Clr.	0	—	None	0	
,,	22	1	St., Scud.	—	NE	Clr.	0	—	None	0	Clouds to N.
,,	24	4	St., Cu.	—	—	Clr.	0	—	None	0	Halo round moon.
10	2	1	Ci.-St., St.	—	—	Clr.	0	—	None	0	Ci.-St. radiant point NW and SE.
,,	4	4	Ci.-St., St.	—	—	Clr.	0	—	None	0	
,,	6	—	—	—	—	—	—	—	—	—	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	Near zenith	0	
,,	10	2	St., St.-Cu.	—	—	Clr.	0	—	—	0	
,,	12	1	St.	—	—	Clr.	0	—	—	0	
,,	14	0	St.	—	—	Clr.	0	—	—	0	A little St. on N horizon.
,,	16	0	—	—	—	Clr.	0	—	N to SE	0	
,,	18	0	—	—	—	Clr.	0	—	None	0	
,,	20	0	—	—	—	Clr.	0	—	NW to NE ESE to S	0	
,,	22	1	St., Scud.	—	—	Clr.	0	—	None	0	
,,	24	1	St., Scud.	—	—	Clr.	0	—	None	0	
11	2	1	St.	—	—	Clr.	0	—	SE	0	
,,	4	0	—	—	—	Clr.	0	—	NW to SE	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
11	6	½	St.	—	—	Clr.	0	—	NW to NE	0	
,,	8	½	St.-Cu.	—	—	Clr.	0	—	SE	0	
,,	10	½	St.	—	—	Clr.	0	—	—	0	Clouded to N.
,,	12	½	St., Scud.	—	—	Clr.	0	—	—	0	One small bit of Scud on Geikie Land.
,,	14	1	Cu.	—	—	Clr.	0	—	—	0	Heavy Cu. to N.
,,	16	0	—	—	—	Clr.	0	—	WNW to E	0	
,,	18	0	—	—	—	Clr.	0	—	NW to NE	0	
,,	20	0	—	—	—	Clr.	0	—	None	0	
,,	22	0	—	—	—	Clr.	0	—	NW to N	0	
,,	24	0	—	—	—	Clr.	0	—	None	0	Prismatic halo round moon.
12	2	0	—	—	—	Clr.	0	—	SE	0	
,,	4	0	—	—	—	Clr.	0	—	NNW to E	0	
,,	6	0	—	—	—	Clr.	0	—	None	0	
,,	8	0	—	—	—	Clr.	0	—	SE	0	Very fine St. to N.
,,	10	1	St., Scud.	—	—	Clr.	0	—	N 70 E to E	0	
,,	12	1	St., Scud.	—	NNW	Clr.	0	—	—	0	
,,	14	2	St., Scud.	—	SE	Clr.	0	—	—	0	Scud and St. forming on Cape Adare.
,,	16	8	St.-Nb., Scud.	—	SE	Obs.	0	—	None	0	Clouding over from S.
,,	18	3	Ci.-St.	NW	—	Clr.	0	—	None	0	Prismatic halo round moon.
,,	20	5	St., Scud.	—	SE	Obs.	0	—	None	0	Clouds forming on Cape Adare.
,,	22	3	St., Scud.	—	ESE	Obs.	0	—	None	0	Prismatic halo round the moon.
,,	24	3	Scud.	—	—	Obs.	0	—	None	0	22° halo round the moon.
13	2	1	Scud., St.	—	ESE	Obs.	S. slt. spic.	—	None	0	
,,	4	10	Nb., haze	—	—	Obs.	S. slt. spic.	—	None	0	22° halo round moon.
,,	6	3	Nb.	—	—	Clr.	0	—	None	0	Scud on Cape Adare.
,,	8	¼	St.	—	—	Clr.	0	—	SE to NW	0	
,,	10	1	Ci.-St.	—	—	½ Obs.	0	—	None	0	
,,	12	0	—	—	—	Clr.	0	—	—	0	Drift moving along Cape Adare from S.E.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
13	14	1	Scud.	—	—	½ Obs.	0	—	—	Low inter.	A little scud to N.
,,	16	0	—	—	—	Clr.	0	—	None	Low inter.	
,,	18	0	—	—	—	Clr.	0	—	None	0	Prismatic halo round moon.
,,	20	5	St., Scud.	—	—	Clr.	0	—	N to SE NNW to SSE	0	
,,	22	1	St.-Cu.	—	—	Clr.	0	—	None	0	
,,	24	1	St., Scud.	—	S	Clr.	0	—	None	0	
14	2	½	St., Scud.	—	—	Clr.	0	—	None	0	A little scud on Cape Adare.
,,	4	0	—	—	—	Clr.	0	—	NNW to ENE	0	
,,	6	1	Ci.-St.	—	—	Clr.	0	—	NNW to zenith	0	Prismatic halo close round moon.
,,	8	7	St.-Cu., Scud.	—	—	Clr.	0	—	None	0	22° halo round moon.
,,	10	9	St., St.-Cu.	—	—	Clr.	0	—	—	0	Moon just shining through cloud.
,,	12	3	St., Scud., St.-Cu.	—	—	Clr.	0	—	—	0	Cleared from E.
,,	14	7	Ci.-Cu., Scud., St.	—	—	½ Obs.	0	—	—	0	Clouded from Cape Adare.
,,	16	1	Scud., St.-Cu.	—	—	Clr.	0	—	None	0	Cleared again.
,,	18	0	—	—	—	Clr.	0	—	N to E	0	
,,	20	1	St., Scud.	—	S	Clr.	0	—	NNW to N 5 E	0	
,,	22	0	—	—	—	Clr.	0	—	N10W to N 20 E	0	Prismatic halo round moon. Hazy.
,,	24	0	—	—	—	Clr.	0	—	None	0	
15	2	0	—	—	—	Clr.	0	—	None	0	
,,	4	0	—	—	—	Clr.	0	—	NNW to zenith	0	
,,	6	0	—	—	—	Clr.	0	—	NNW to N	0	
,,	8	0	—	—	—	Clr.	0	—	NW	0	Very fine St. to northward.
,,	10	0	—	—	—	Clr.	0	—	None	0	
,,	12	½	St.	—	—	Clr.	0	—	—	0	
,,	14	2	St.-Cu., Scud	—	—	Clr.	0	—	—	0	St., St.-Cu., and Scud from E to NNW.
,,	16	2	St., St.-Cu.	—	—	Clr.	0	—	None	0	St.-Cu. NNW to E.
,,	18	1	St.	—	—	Clr.	0	—	None	0	
,,	20	1	St.	—	—	Clr.	0	—	Glow to N	0	

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Day.	Hour.	Cloud.				Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
		Amount.	Kind.	Direction from							
				Upper.	Lower.						
June, 1911.											
15	22	0	—	—	—	Clr.	0	—	NNW to E	0	
,,	24	0	—	—	—	Clr.	0	—	NW	0	
16	2	0	—	—	—	Clr.	0	—	None	0	
,,	4	2	Scud., St.	—	—	Obs.	0	—	None	0	Clouding from S.
,,	6	2	St.-Cu.	—	SW	Clr.	0	—	None	0	
,,	8	5	St., Scud.	—	—	Clr.	0	—	NW	0	
,,	10	2	St.-Cu., Scud.	—	—	Clr.	0	—	None	0	Sea smoke clouds low to N.
,,	12	1	St.	—	—	½ Obs.	0	—	—	0	St. along mountains from W to NW, and in front of Warning Glacier.
,,	14	2	Ci.-Cu., St.	—	—	½ Obs.	0	—	None	0	St. and St.-Cu. to N.
,,	16	4	St., Nb.	—	—	½ Obs.	0	—	None	0	Spreading clouds from Cape Adare.
,,	18	3	St., Nb.	—	—	Clr.	0	—	None	0	Spreading clouds from Cape Adare.
,,	20	9	Nb.	—	—	Obs.	0	—	None	0	Clear to S and W.
,,	22	6	St.-Nb., St.-Cu.	—	—	Obs.	0	—	None	0	Clearing to W.
,,	24	4	St., Nb., Scud	—	NW	Clr.	0	—	None	0	
17	2	8	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	Clouded over again.
,,	4	6	St.-Cu., Scud., Nb.	—	—	Obs.	0	—	None	0	Clearing to N and zenith.
,,	6	1	St.-Cu.	—	—	Obs.	0	—	NNW to NE	0	
,,	8	½	Ci.-St.	—	—	Obs.	0	—	None	0	
,,	10	2	Scud., St., Nb.	—	—	Obs.	0	—	None	0	Thick to S.
,,	12	10	Nb.	—	—	Obs.	S. slt., spic.	—	—	0	Heavy frozen fog spicules of snow falling.
,,	14	8	Nb.	—	—	Obs.	S. slt..spic.	—	—	0	Spicular snow falling. Fog cleared considerably. Cloudy towards zenith. Heavy Nb. on horizon.
,,	16	2	St., Nb.	—	—	Obs.	0	—	ENE	0	Cleared from zenith.
,,	18	2	St., Nb.	—	—	Obs.	0	—	N 20 E to N 10 W	0	No change.
,,	20	2	St., Nb.	—	—	Obs.	S. slt.,spic.	—	None	0	Slightly hazy.
,,	22	½	St.	—	—	Clr.	0	—	NW to N	0	
,,	24	½	St.	—	—	Clr.	0	—	None	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
18	2	½	St.	—	—	Clr.	0	—	SE	0	
,,	4	0	—	—	—	Clr.	0	—	NNW and ESE	0	
,,	6	0	—	—	—	Clr.	0	—	SSE to zenith	0	
,,	8	1	St. haze	—	—	Clr.	0	—	None	0	St. and fine haze to N.
,,	10	4	St., Scud, haze	—	SE	Obs.	0	—	None	0	Glaciers obscured by fog.
,,	12	9	Nb., Cu.	—	—	Obs.	0	—	—	0	Fog over sea-ice to S.
,,	14	9	Nb.	—	SE	Obs.	0	—	—	0	Clouds closed in.
,,	16	7	St.-Cu., Nb.	—	SE	Obs.	0	—	None	0	Signs of coming wind.
,,	18	4	Nb.	—	SE	Obs.	0	—	None	Low inter.	Alternate gusts from SE and NW.
,,	20	2	Haze, Nb.	—	—	Obs.	0	—	None	Low inter.	Clearing. Wind set in from SE.
,,	22	2	Haze, Nb.	—	—	Obs.	0	—	None	Slt.	
,,	24	2	Haze, Nb.	—	—	Obs.	0	—	None	Slt.	Heavy squalls.
19	2	2	Nb., haze	—	—	Obs.	0	—	None	Slt.	
,,	4	6	Nb., haze	—	—	Obs.	0	—	None	Slt.	
,,	6	4	Haze	—	—	Obs.	0	—	None	Slt.	
,,	8	10	Haze	—	—	Obs.	0	—	None	Slt.	
,,	10	10	Nb.	—	—	Obs.	0	—	None	Slt.	Occasional lulls.
,,	12	10	Nb.	—	—	Obs.	0	—	—	Slt.	Occasional lulls.
,,	14	10	Nb.	—	—	Obs.	0	—	—	Slt.	Occasional lulls.
,,	16	10	Nb.	—	—	Obs.	0	—	None	Slt.	
,,	18	10	Nb.	—	—	Obs.	0	—	None	Slt.	
,,	20	8	Nb., haze	—	—	Obs.	0	—	None	Slt.	Wind ceased.
,,	22	2	Nb., haze	—	—	Obs.	0	—	None	0	
,,	24	7	Haze	—	—	Obs.	0	—	None	0	
20	2	5	St.-Nb. haze	—	—	Obs.	0	—	Slight, zenith	0	
,,	4	10	Nb.	—	—	Obs.	0	—	None	0	
,,	6	10	Nb.	—	—	Obs.	S. gran.	—	None	0	
,,	8	9	Nb.	—	—	Obs.	S. slt. gran.	—	None	0	Hazy.

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June, 1911.											
20	10	10	Nb.	—	—	Obs.	S. gran.	—	None	0	¼ inch of snow during night.
,,	12	10	Nb.	—	—	Obs.	S. gran.	—	—	0	
,,	14	10	St.-Cu., Nb.	—	—	Obs.	S. gran.	—	—	0	Clearing to N.
,,	16	6	Nb., St.-Cu.,Scud.	—	—	Obs.	0	—	None	0	Clearing to N.
,,	18	3	Nb., St.	—	—	Obs.	0	—	None	0	St. to N. Nb. to S.
,,	20	3	St. haze, Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	22	2	St.	—	—	—	0	—	None	0	Clearing to S.
,,	24	1	St.	—	—	—	0	—	None	0	Dark bank of cloud on NW horizon.
21	2	10	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	
,,	4	10	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	
,,	6	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	8	9	Nb.	—	—	Obs.	S. spic.	—	None	0	Hazy. Moon just visible.
,,	10	9	Nb.	—	—	Obs.	0	—	None	0	Drift on Cape Adare.
,,	12	6	St.-Cu., St.-Nb.	—	SE	Obs.	0	—	—	0	Heavy snow on Cape Adare.
,,	14	2	St., Nb.	—	SE	Obs.	S. spic.	—	—	He.	Drift is probably fresh fallen snow.
,,	16	2	St., Nb.	—	—	Obs.	0	—	Slight WNW	0	
,,	18	1	St., Nb.	—	—	Obs.	0	—	—	0	
,,	20	2	St., Nb.	—	—	Obs.	0	—	N 20 W to N 20 E	0	Auroral glow.
,,	22	1	Nb.	—	—	Obs.	0	—	—	0	
,,	24	4	Nb.	—	—	Obs.	0	—	—	0	
22	2	2	Nb.	—	—	Obs.	0	—	W to NW E to SE	0	
,,	4	8	Haze, Nb.	—	—	Obs.	S. slt. spic.	—	None	0	Heavy crystals falling out of haze.
,,	6	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	8	6	Nb., haze	—	—	Obs.	0	—	ENE	0	Low smoky clouds to N.
,,	10	4	Haze, St.-Nb.	—	—	Slt. obs.	0	—	None	0	Mist on top of Cape Adare.
,,	12	5	Nb., Cu.	—	—	Obs.	0	—	—	0	
,,	14	1	St., St.-Cu.	—	—	½ obs.	0	—	—	0	Cleared almost entirely.
,,	16	1	St.-Cu.	—	—	Clr.	0	—	None	Slt.	

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June, 1911.											
22	18	1	St.-Cu.	—	—	Clr.	0	—	None	Slt.	
,,	20	2	St.-Cu., haze	—	—	Obs.	0	—	E to NW	0	
,,	22	2	St.-Cu.	—	—	Obs.	0	—	NW to W	0	
,,	24	1	St.	—	—	Obs.	0	—	Every-where	0	
23	2	1	St., St.-Cu.	—	—	Obs.	0	—	NNW to S	0	
,,	4	1	St., St.-Cu.	—	—	Obs.	0	—	NNW to S.	0	
,,	6	0	—	—	—	Clr.	0	—	E to W	0	
,,	8	0	—	—	—	Clr.	0	—	SW to SE	0	
,,	10	1	St.	—	—	Clr.	0	—	—	0	Clouded to N.
,,	12	2	A.-St.	—	—	Clr.	0	—	—	0	Breeze lasted for a few minutes only.
,,	14	2	A.-St.	—	—	Clr.	0	—	—	0	
,,	16	2	Ci.-St., St.	—	—	Clr.	0	—	N to W	0	
,,	18	2	St.	—	—	Clr.	0	—	NNE to E	0	
,,	20	2	St.	—	—	Clr.	0	—	None	0	
,,	22	2	St.	—	—	—	0	—	None	0	
,,	24	2	St.	—	—	—	0	—	W to S *via* zenith	0	
24	2	5	Haze, Nb., St.	—	—	—	0	—	N to zenith	0	Sound of wind on Cape Adare.
,,	4	1	St.	—	—	—	0	—	E hemi-sphere	0	
,,	6	2	Nb.	—	—	Obs.	0	—	ESE	0	
,,	8	2	Nb.	—	—	—	0	—	W to zenith	0	
,,	10	5	St., haze, Scud	—	—	Clr.	0	—	—	0	
,,	12	1	Nb., St.	—	—	½ Obs.	0	—	—	0	
,,	14	1	Scud.	—	—	Clr.	0	—	—	0	Scud on Cape Adare.
,,	16	0	—	—	—	Clr.	0	—	NE to NNW	0	
,,	18	1	Fog, Scud	—	—	Clr.	0	—	WNW	0	Fog and Scud on Cape Adare
,,	20	2	St.	—	—	—	0	—	NW to NE	0	
,,	22	2	St.	—	—	—	0	—	NNW to NE	0	Cloud on Cape Adare.
,,	24	1	St.	—	—	—	0	—	W to NW and NE	0	Cape Adare clear.

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JUNE, 1911.

CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
JUNE, 1911.											
25	2	1	St.	—	—	Obs.	0	—	E to N	0	
,,	4	1	St.	—	—	Obs.	0	—	NNW to zenith	0	
,,	6	0	—	—	—	Obs.	0	—	None	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	None	0	
,,	10	1	St.	—	—	½ Obs.	0	—	—	0	
,,	12	1	St.	—	—	Clr.	0	—	—	0	
,,	14	—	—	—	—	—	—	—	—	—	
,,	16	1	St.	—	—	Clr.	0	—	NE to NNW	0	
,,	18	1	St.	—	—	Clr.	0	—	Glow in N	0	
,,	20	1	St.	—	—	Clr.	0	—	Glow in N	0	
,,	22	0	—	—	—	Clr.	0	—	None	0	
,,	24	0	—	—	—	Clr.	0	—	N	0	
26	2	1	St.	—	—	Clr.	0	—	NNW to NNE	0	
,,	4	1	St.	—	—	Clr.	0	—	NNW to SSE	0	
,,	6	1	St.	—	—	Obs.	0	—	W to SE	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	W and S	0	
,,	10	2	Cu., Scud., Nb.	—	—	Clr.	0	—	—	0	Clouded to N.
,,	12	1	Ci.-St., St.	—	—	Clr.	0	—	—	0	Vapour rising off ice near Cape Adare. Prismatic St. to W and N.
,,	14	2	St.-Cu., Scud.	—	SE	Clr.	0	—	—	0	Lower clouds moving from SE. eddy from NNE.
,,	16	1	St.	—	—	Clr.	0	—	None	0	
,,	18	0	—	—	—	Obs.	0	—	NNW to NNE	0	
,,	20	0	—	—	—	—	—	—	NNW to NE	0	
,,	22	0	—	—	—	—	—	—	None	0	
,,	24	0	—	—	—	—	—	—	NNW to NE	0	
27	2	2	Scud., St.	—	—	Obs.	0	—	None	0	Cloud cap on Cape Adare.
,,	4	1	St.	—	—	—	0	—	SSE	0	Cape Adare clear.
,,	6	1	St.	—	—	—	0	—	NW	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911											
27	8	0	—	—	—	Clr.	0	—	NW to ESE	0	Very fine St. to northward.
,,	10	½	Scud.	—	—	Clr.	0	—	—	0	High scud in N.
,,	12	½	Scud.	—	—	Clr.	0	—	—	0	Light scud to NW.
,,	14	0	—	—	—	Clr.	0	—	—	0	
,,	16	0	—	—	—	Clr.	0	—	None	0	
,,	18	0	—	—	—	Clr.	0	—	NNW to NE	0	
,,	20	0	—	—	—	Clr.	0	—	NNW to NE	0	
,,	22	0	—	—	—	Clr.	0	—	NNW to E	0	
,,	24	0	—	—	—	Clr.	0	—	None	0	
28	2	0	—	—	—	—	0	—	None	0	
,,	4	10	Haze., Nb.	—	—	—	0	—	None	0	Sky overcast with haze.
,,	6	10	Haze	—	—	—	0	—	None	0	
,,	8	10	Haze	—	—	—	S. spic.	—	None	0	
,,	10	10	Nb.	—	—	Obs.	S. spic.	—	—	0	Spicular snow falling.
,,	12	10	Nb.	—	—	Obs.	S. spic.	—	—	0	Light spicular snow.
,,	14	10	Nb.	—	—	Obs.	S. spic.	—	—	0	
,,	16	3	St.-Nb., haze	—	—	Obs.	0	—	None	0	
,,	18	1	Nb.	—	—	Obs.	0	—	NNW to NE	0	
,,	20	1	Nb.	—	—	Obs.	0	—	NNW to NE	0	
,,	22	1	Nb.	—	—	Obs.	0	—	NNW to NE	0	
,,	24	0	—	—	—	Clr.	0	—	N	0	
29	2	1	St.	—	—	Clr.	0	—	S, N, E	0	
,,	4	1	St.	—	—	Clr.	0	—	NNW to S and E	0	
,,	6	0	—	—	—	Clr.	0	—	None	0	
,,	8	1	—	—	—	Clr.	0	—	WNW to SSE	0	
,,	10	3	A.-St.	—	—	Clr.	0	—	—	0	
,,	12	3	A.-St.	—	—	Clr.	0	—	—	0	Scud S. and Cape Adare.
,,	14	5	Ci.-St., St.	—	—	Clr.	0	—	—	0	

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June—July, 1911.

CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
June, 1911.											
29	16	2	St.	—	—	Clr.	0	—	—	0	
,,	18	2	St.	—	—	—	0	—	None	0	
,,	20	4	Haze, St.	—	—	—	0	—	None	0	
,,	22	5	Haze, St.	—	—	—	0	—	None	0	
,,	24	3	Haze, St.	—	—	—	0	—	None	0	Very hazy, but stars visible.
30	2	3	Haze, St.	—	—	Obs.	0	—	N to NW N to E	0	
,,	4	4	Haze, St.	—	—	Obs.	0	—	None	0	
,,	6	10	Nb., haze	—	—	Obs.	0	—	None	0	
,,	8	9½	Nb., haze	—	—	Clr.	0	—	None	0	
,,	10	10	Nb., haze	—	—	½ Obs.	0	—	—	0	Appearance of heavy squall to N., top of hills to S clear. Low Nb. over Cape Adare. No movement.
,,	12	9¾	Nb.	—	—	Obs.	0	—	—	0	Very light breaks in clouds in places.
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	—	—	0	Mountains blotted out.
,,	16	10	Nb.	—	—	Obs.	0	—	None	0	Sound of wind behind Cape Adare.
,,	18	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	Slt.	Sound increased. Very thick.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	Slt.	Wind increasing.
,,	22	3	Nb.	—	—	Obs.	0	—	None	0	
,,	24	2	Nb.	—	—	Obs.	0	—	None	0	
July, 1911.											
1	2	2	St.	—	—	Obs.	0	—	SE	0	
,,	4	5	Haze, Nb.	—	—	Obs.	0	—	NNW to SSE	0	
,,	6	10	Haze, Nb.	—	—	Obs.	0	—	None	0	Gusts of wind.
,,	8	10	Nb.	—	—	Obs.	S. slt. gran.	—	None	0	Gusts of wind.
,,	10	9¾	St.-Cu.	—	—	Obs.	0	—	—	0	Clearing to N.
,,	12	7	Nb., St.	—	—	½ Obs.	0	—	—	0	Nb. on Cape Adare.
,,	14	9	St., Nb.	—	—	Obs.	0	—	—	0	Clear to W.
,,	16	9	Haze, St.-Nb.	—	—	Obs.	0	—	None	0	Clear to W.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
1	18	8	St.-Nb.	—	—	Obs.	0	—	None	0	Thinning near zenith.
,,	20	3	St.-Nb.	—	—	Obs.	0	—	None	0	Slightly hazy where clear.
,,	22	6	St.-Nb.	—	—	Obs.	0	—	E to SSE and to NE	0	
,,	24	4	Nb.	—	—	Obs.	0	—	E	0	
2	2	1	St.	—	—	Obs.	0	—	NNW to SSE	0	
,,	4	1	St.	—	—	—	0	—	W hemisphere	0	
,,	6	0	—	—	—	—	0	—	SE to NW	0	
,,	8	9	St., Nb., Haze	—	—	Slt. haze	0	—	None	0	
,,	10	7	St., Nb.	—	—	Clr.	0	—	—	0	Clear to N.
,,	12	6	St.-Cu.	—	—	Clr.	0	—	—	0	
,,	14	5	St.	—	—	Clr.	0	—	—	0	
,,	16	7	Haze, Nb., St.	—	—	Clr.	0	—	None	0	
,,	18	10	Nb.	—	—	—	0	—	None	0	
,,	20	10	Nb.	—	—	Obs.	0	—	None	0	
,,	22	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	24	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
3	2	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	4	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	6	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Snow falling fast.
,,	8	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Noise like pack to N. Slight snow.
,,	10	10	Nb.	—	—	Obs.	S. spic.	—	—	0	3 inches of snow.
,,	12	10	Nb.	—	—	Obs.	S. spic.	—	—	0	Sound of heavy pressure to N.
,,	14	9½	St.-Cu., Nb.	—	ESE	Obs.	0	—	—	0	
,,	16	7	St., Nb.	—	—	Obs.	S. spic.	—	None	0	Stars shining through haze.
,,	18	9	Nb., haze	—	—	Obs.	S. spic.	—	None	0	Clear at zenith.
,,	20	10	Nb., haze	—	—	Obs.	S. spic.	—	None	0	Moon shining through haze.
,,	22	7	St.-Cu., Nb., haze	—	—	Obs.	S. spic.	—	None	0	Thick still to S.
,,	24	10	Nb., haze	—	—	Obs.	S. spic.	—	NNE to NE	0	Slight glow of aurora NE.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
4	2	7	Haze. Nb.	—	—	Obs.	S. spic.	—	NW to SE	0	Haze.
,,	4	7	Haze, Nb.	—	—	Obs.	S. spic.	—	None	0	Stars shining.
,,	6	10	Nb.	—		Obs.	S. spic.	—	None	0	
,,	8	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	10	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Just a light snow falling.
,,	12	10	Nb.	—	—	Obs.	S. spic.	—	—	0	
,,	14	6	Haze, Nb.	—	—	Obs.	0	—	—	0	Moon just rising behind Cape Adare.
,,	16	4	Ci.-Cu., St.	—	—	Obs.	0	—	—	0	Clearing.
,,	18	8	Ci.-Cu., St.	—	—	Obs.	0	—	None	0	Moon just showing through clouds, whitish close halo.
,,	20	9	Nb., haze	—	—	Obs.	S. spic.	—	None	0	22° halo round moon.
,,	22	5	Nb., haze. St.	—	—	Obs.	S. spic.	—	None	0	Moon just showing through haze.
,,	24	10	Nb.	—	—	Obs.	S. gran.	—	None	0	Moon invisible.
5	2	10	Nb.	—	—	Obs.	0	—	None	0	
,,	4	5	Haze, Nb.	—	—	Obs.	S. slt. spic.	—	N to NE	0	
,,	6	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Too much snow falling for aurora to be seen.
,,	8	9½	Nb.	—	—	Obs.	S. slt. gran.	—	None	0	Long streaks of yellow light along the northern horizon.
,,	10	9½	Haze, Nb.	—	—	Obs.	0	—	None	0	Long streaks of yellow light along the northern horizon tinged with red.
,,	12	9½	Haze, Nb.	—	—	Obs.	S. slt. gran.	—	None	0	Fine red sky to N.
,,	14	9½	Haze, Nb.	—	—	Obs.	0	—	None	0	Long streak of white light from N to W horizon.
,,	16	10	Nb.	—	—	Obs.	0	—	None	0	
,,	18	10	Nb.	—	—	Obs.	0		None	0	
,,	20	10	Nb.	—	—	Obs.	0	—	None	0	
,,	22	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	24	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	Very light, with diffused moonlight.
6	2	9	Nb.	—	—	Obs.	0	—	None	0	Clearing to W.
,,	4	10	Nb.	—	—	Obs.	0	—	None	0	
,,	6	10	Nb.	—	—	Obs.	0		None	Low	Low drift.
,,	8	10	Nb.	—	—	Obs.	0	—	None	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
6	10	10	Nb.	—	—	Obs.	0	—	—	0	
,,	12	10	Nb.	—	—	Obs.	0	—	—	0	
,,	14	9½	Nb.	—	—	Obs.	0	—	—	0	Clear to W.
,,	16	10	Nb.	—	—	Obs.	0	—	—	0	
,,	18	10	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	Moon shining through cloud haze.
,,	20	9	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	Blue sky above Cape Adare.
,,	22	9	St., Nb.	—	—	Obs.	0	—	None	0	Moon shining through cloud haze, clearing to N.
,,	24	10	Nb.	—	—	Obs.	0	—	None	0	Moon through haze, 22° halo.
7	2	10	Nb.	—	—	Obs.	0	—	None	0	Moon just visible.
,,	4	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Very thick.
,,	6	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Stars seen dimly through haze.
,,	8	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	Roaring noise to northward.
,,	10	10	Nb.	—	—	Obs.	0	—	—	0	
,,	12	10	Nb.	—	—	Obs.	S. he. spic.	—	—	Inter. low	Loud noise behind Cape Adare. Wind to N. Little drift in gusts.
,,	14	10	Nb.	—	—	Obs.	S. spic.	—	—	He.	
,,	16	10	Nb.	—	—	Obs.	0	—	—	Slt.	
,,	18	10	Nb.	—	—	Obs.	0	—	None	Slt.	Moon just showing.
,,	20	10	Nb.	—	—	Obs.	0	—	None	Slt.	Moon just showing.
,,	22	10	Nb.	—	—	Obs.	0	—	None	0	Night-light with diffused moonlight, but moon not visible.
,,	24	10	Nb.	—	—	Obs.	0	—	None	Slt.	
8	2	10	Nb.	—	—	Obs.	0	—	None	Slt.	
,,	4	10	Nb.	—	—	Obs.	0	—	None	0	
,,	6	10	Haze, Nb.	—	—	Obs.	0	—	None	0	Moon shining through haze.
,,	8	7	St.-Cu., Nb.	—	—	Obs., haze	0	—	None	0	Glaciers look clear, but light deceptive.
,,	10	6	St.-Cu., Nb.	—	—	Clr.	0	—	None	0	Red sky to N.
,,	12	6	St.-Cu.	—	NNW	Clr.	0	—	—	0	
,,	14	7	St.-Cu.	—	—	Clr.	0	—	—	0	Moon shining through haze.
,,	16	5	St.-Nb.	—	—	Obs.	0	—	—	0	22° halo round moon.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
8	18	3	St.-Nb., haze	—	—	Obs.	0	—	None	0	22° halo round moon.
,,	20	5	Ci-Cu., Nb.	—	—	Obs.	S. slt. spic.	—	NW to N	0	22° halo round moon.
,,	22	7	St.-Cu., Scud., Nb.-St.	—	—	Obs.	0	—	None	0	22° halo round moon.
,,	24	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
9	2	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	4	5	Nb., haze, St.	—	—	Obs.	0	—	None	0	Halo round the moon.
,,	6	10	Haze	—	—	Obs.	0	—	None	0	
,,	8	9	Scud., Nb.	—	—	Obs.	0	—	None	0	
,,	10	9	Nb.	—	—	Obs.	0	—	—	0	Clear to N.
,,	12	7	Nb., Scud	—	S by E	Obs.	0	—	—	0	Scud moving to N by W.
,,	14	9	Nb.	—	—	Obs.	0	—	—	0	
,,	16	10	St., Nb.	—	—	Obs.	0	—	None	0	Moon through clouds.
,,	18	10	Nb.	—	—	Obs.	0	—	None	0	Moon through clouds.
,,	20	10	Nb.	—	—	Obs.	0	—	None	0	Halo round the moon.
,,	22	10	Nb.	—	—	Obs.	0	—	None	0	Moon through clouds.
,,	24	10	Nb.	—	—	Obs.	0	—	None	0	Moon shining through clouds.
10	2	10	Nb.	—	—	Obs.	0	—	None	0	A little flocculent snow.
,,	4	10	Nb.	—	—	Obs.	S. slt.	—	None	0	
,,	6	10	Nb.	—	—	Obs.	0	—	None	Slt.	
,,	8	9	Nb.	—	—	Obs.	0	—	None	0	
,,	10	10	St.-Cu., Nb.	—	—	Obs.	0	—	—	0	Clouds breaking to N.
,,	12	7	Nb., St.	—	—	Obs.	0	—	—	0	
,,	14	7	Nb., St.-Cu.	—	—	½ Obs.	0	—	—	0	Clear to W.
,,	16	5	Scud., Nb., St.	—	—	Obs.	0	—	None	0	Thick to S. still.
,,	18	8	Ci.-Cu., Nb., St.	—	—	Clr.	0	—	None	0	Glaciers cleared.
,,	20	10	St.-Cu., Nb.	—	—	Obs.	0	—	None	0	
,,	22	5	Scud, Nb., St.	—	—	Obs.	0	—	None	0	Slight noise behind Cape Adare.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
10	24	6	Scud, Nb.,-St.	—	—	Clr.	0	—	None	0	Clearing to S.
11	2	3	St.	—	—	Clr.	0	—	None	0	Light St. trending N and S.
,,	4	4	Haze, St.	—	—	Clr.	0	—	None	0	22° halo round moon.
,,	6	3	Haze, St.	—	—	Clr.	0	—	None	0	22° halo round moon.
,,	8	2	Haze, St.-Cu.	—	—	Clr.	0	—	Near zenith	0	22° halo round moon.
,,	10	2	St.-Cu.	—	—	Clr.	0	—	—	0	Prismatic sky to N.
,,	12	1	St.	—	—	Clr.	0	—	—	0	Vapour rising from sea-ice.
,,	14	1	St.	—	—	Clr.	0	—	—	0	Moonlight in E. Prismatic sky WNW.
,,	16	3	St., Scud	—	—	Clr.	0	—	None	0	22° halo round moon. Glazed frost.
,,	18	3	St.	—	—	Clr.	0	—	NW to ESE	0	
,,	20	1	St.	—	—	Clr.	0	—	NE to ESE	0	
,,	22	1	St.	—	—	Clr.	0	—	None	0	
,,	24	½	St.	—	—	Clr.	0	—	None	0	Prismatic halo round moon.
12	2	0	—	—	—	Clr.	0	—	None	0	
,,	4	0	—	—	—	Clr.	0	—	None	0	
,,	6	0	—	—	—	Clr.	0	—	None	0	
,,	8	0	—	—	—	Clr.	0	—	E	0	Very fine St. to N.
,,	10	½	Ci.-St.	—	—	Clr.	0	—	—	0	Fine mirage and prismatic sky N.
,,	12	1	St.	—	—	Clr.	0	—	—	0	Vapour rising from the sea-ice.
,,	14	1	St.	—	—	Clr.	0	—	—	0	14·30 Moon appeared in centre of a cross.
,,	16	5	St.	—	—	Clr.	0	—	—	0	22° halo round moon.
,,	18	2	St.	—	—	Clr.	0	—	None	0	
,,	20	2	St., haze	—	—	Clr.	0	—	None	0	22° halo round moon.
,,	22	0	Haze	—	—	Clr.	0	—	None	0	22° halo round moon.
,,	24	0	Haze	—	—	Clr.	0	—	None	0	22° halo round moon.
13	2	10	Nb.	—	—	Clr.	0	—	None	0	Moon shining through cloud haze.
,,	4	10	Nb.	—	—	Clr.	0	—	None	0	
,,	6	10	Haze	—	—	Clr.	0	—	None	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
13	8	10	Haze	—	—	½ Obs.	0	—	None	0	
,,	10	8	St., haze	—	—	½ Obs.	S. slt. spic.	—	—	0	Clear to NW.
,,	12	10	Nb., haze	—	—	Obs.	S. slt. spic.	—	—	0	
,,	14	8	Nb., St.	—	—	Obs.	S. slt. spic.	—	—	0	Clear to NW.
,,	16	9	St., Nb.	—	—	Obs.	S. slt. spic.	—	—	0	
,,	18	9	St., Nb.	—	—	Obs.	S. slt. spic.	—	None	0	Clearing to E ; closed in to N.
,,	20	4	St., Nb.	—	—	½ Obs.	0	—	None	0	Prismatic halo round moon.
,,	22	8	Scud., Nb.	—	NW	Clr.	S. slt. spic.	—	None	0	Scud travelling from NW.
,,	24	8	Scud, Nb., St.	—	WNW	Obs.	0	—	None	0	Prismatic halo round moon.
14	2	1	St.-Cu., St.	—	—	Clr.	0	—	None	0	A little St. to S. St.-Cu. to N horizon.
,,	4	½	St., St.-Cu.	—	—	Clr.	0	—	SSE	0	
,,	6	5	St.-Cu.	—	—	Clr.	0	—	None	0	
,,	8	3	St.-Cu.	—	—	Clr.	0	—	None	0	
,,	10	3	St.-Cu.	—	—	Clr.	0	—	—	Slt.	Gusts of wind with drift.
,,	12	½	Cu., Scud, haze	—	—	½ Obs.	0	—	—	Low inter.	Slight gusts of wind with low drift.
,,	14	1	Cu.	—	NNW	½ Obs.	0	—	—	0	Clouded to N.
,,	16	1	St.-Cu.	—	—	Clr.	0	—	—	0	Sound of wind behind Cape Adare.
,,	18	½	St.Cu.	—	—	Clr.	0	—	None	0	
,,	20	1	St., Scud.	—	—	Clr.	0	—	NW to ENE	0	Cloud cap on Cape Adare.
,,	22	0	0	—	—	Clr.	0	—	N to NE	0	
,,	24	1	St., Scud.	—	—	Clr.	0	—	None	0	Heavy cloud cap on Cape Adare.
15	2	8	Nb., haze	—	—	Obs.	0	—	None	0	Cape Adare indistinct. Heavy white frost.
,,	4	10	Nb.	—	—	Obs.	0	—	None	0	Moon dimly shining.
,,	6	9	Haze	—	—	Obs.	0	—	None	0	
,,	8	—	—	—	—	Obs.	0	—	None	0	
,,	10	5	Nb., St.	—	—	Obs.	0	—	—	0	Thick Nb. to S.
,,	12	7	Nb., St.-Cu.	—	—	Obs.	0	—	—	0	Thick Nb. to S.
,,	14	10	Nb., St.	—	—	Obs.	S. slt. spic.	—	—	0	Thick Nb. to S.

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July, 1911.											
15	16	10	Nb.	—	—	Obs.	S. gran.	—	—	0	Thick Nb. to S.
,,	18	10	Nb.	—	—	Obs.	S. gran.	—	None	0	Thick Nb. to S.
,,	20	10	Nb.	—	—	Obs.	S. gran.	—	None	0	Thick Nb. to S.
,,	22	10	Nb.	—	—	Obs.	S. slt.gran.	—	None	0	Thick Nb. to S.
,,	24	10	Nb.	—	—	Obs.	S. gran.	—	None	0	Thick Nb. to S. Moon just showing. Break in clouds to E.
16	2	4	Scud.,Nb.	—	—	Obs.	S. gran.	—	None	0	
,,	4	5	Scud., Nb.	—	—	Obs.	S. gran.	—	None	0	
,,	6	7	St.-Cu.	—	—	Obs.	0	—	None	0	
,,	8	9½	Scud., Nb.	—	—	Obs.	S. slt. gran.	—	None	0	Moon just showing through clouds.
,,	10	9½	St.-Cu., Nb.	—	—	Obs.	S. slt. gran.	—	—	0	
,,	12	9½	Scud., Nb.	—	—	Slt. obs.	0	—	—	0	Very dark on NW horizon.
,,	14	10	Nb.	—	—	Clr.	0	—	—	0	
,,	16	7	Nb., St.-Cu.	—	—	½ obs.	0	—	—	0	
,,	18	2	Haze, Nb.	—	—	Obs.	0	—	None	0	Stars showing through thin haze.
,,	20	7	Nb., haze	—	—	Obs.	S. slt. gran.	—	None	0	
,,	22	10	Nb.	—	—	Obs.	S. slt. spic.	—	None	0	
,,	24	10	Nb.	—	—	Obs.	S. few spic.	—	None	0	
17	2	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Moon dimly shining. Much sound of pressure especially along the south Ice-foot.
,,	4	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Cape Adare blotted out almost entirely.
,,	6	½	Nb.	—	—	Obs.	S. spic.	—	None	0	Moon visible through haze. Clear in zenith.
,,	8	10	Nb.	—	—	Obs.	S. spic.	—	None	0	Moon visible through haze.
,,	10	10	Nb.	—	—	Obs.	S. spic.	—	—	Slt.	Low drift at intervals.
,,	12	10	Nb.	—	—	Obs.	0	—	—	Slt.	Low drift during squalls.
,,	14	10	Haze, Nb.	—	—	Obs.	0	—	—	Slt.	Heavy squalls with drift.
,,	16	5	Nb.	—	—	Obs.	S. slt. spic.	—	—	0	
,,	18	3	Haze	—	—	Obs.	0	—	None	0	
..	20	10	Haze	—	—	Obs.	S. spic.	—	None	0	Stars showing through haze near the zenith.

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July, 1911.											
17	22	10	Haze, Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	24	2	Nb., St.-Cu., Scud.	—	—	Obs.	0	—	None	0	
18	2	1	St.-Cu., Nb., Scud.	—	—	Obs.	S. few cryst.	—	None	0	
,,	4	1	St.-Cu.	—	—	Clr.	0	—	Near zenith	0	
,,	6	1	St.-Cu.	—	—	Clr.	0	—	None	0	
,,	8	1	St.-Cu.	—	—	Clr.	0	—	NW	0	
,,	10	1	Cu., Scud.	—	NNE	Clr.	0	—	—	0	Clouded to N.
,,	12	2	St.-Cu., Scud.	—	NNE	Clr.	0	—	—	0	Large whirlwind of snow on sea-ice to N.
,,	14	2	St.-Cu., Scud.	—	NNE	Clr.	0	—	—	0	Heavy drift on sea-ice N to NNW.
,,	16	10	St.-Cu., Nb., Scud.	—	—	Obs.	0	—	—	0	
,,	18	2	Haze	—	—	Obs.	S. slt. spic.	—	None	0	
,,	20	1	Haze, Nb.	—	—	Obs.	S. few spic.	—	N to ESE	0	
,,	22	1	St. Cu.	—	—	Obs.	S. few spic.	—	None	0	
,,	24	1	St.	—	—	Obs.	S. few spic.	—	None	0	
19	2	1	St.	—	—	Clr.	0	—	None	0	
,,	4	2	St., Scud.	—	—	Obs.	0	—	S	0	
,,	6	2	St.	—	—	Clr.	0	—	Zenith	0	
,,	8	5	St., haze	—	—	Obs.	S. slt. spic.	—	None	0	Haze gradually clearing.
,,	10	9	St., Nb.	—	—	Obs.	0	—	—	0	
,,	12	9	Nb., haze	—	—	Obs.	0	—	—	0	Red glow in the sky to N.
,,	14	10	Nb.	—	—	Obs.	S. spic.	—	—	0	Very thick Nb. to S.
,,	16	10	Nb., haze	—	—	Obs.	0	—	—	0	
,,	18	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	20	2	Nb., St.	—	—	Obs.	S. few spic.	—	None	0	An occasional spicule of snow.
,,	22	1	St.	—	—	Obs.	0	—	N to NE	0	
,,	24	1	St.	—	—	—	0	—	NW to S and E	0	Slightly hazy.
20	2	1	St.	—	—	Obs.	0	—	E to WNW to S 20 E	0	
,,	4	1	St.	—	—	Obs.	0	—	N 30 W to N 20 E	0	

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July, 1911.											
20	6	3	St.	—	—	Clr.	0	—	Zenith to SE	0	
,,	8	5	St. haze	—	—	Clr.	0	—	E	0	Noise behind Cape Adare.
,,	10	8	St. haze	—	—	Clr.	0	—	—	0	Clear to S.
,,	12	8	St. haze	—	—	Clr.	0	—	—	0	Clear blue sky to S.
,,	14	9	St. haze	—	—	Clr.	0	—	—	0	
,,	16	5	St., St.-Cu.	—	—	Clr.	0	—	—	0	
,,	18	2	St. haze	—	—	Clr.	0	—	N to N 20 E	0	Very hazy, but stars showing.
,,	20	1	St. haze	—	—	Clr.	0	—	—	0	Aurora NW to N 20 E and S to S 20 E.
,,	22	1	St. haze	—	—	Clr.	0	—	None	0	
,,	24	1	St.	—	—	Clr.	0	—	NE to NNW	0	
21	2	1	St.	—	—	Clr.	0	—	SE to WSW to WNW	0	
,,	4	9	Nb.	—	—	Clr.	0	—	None	0	Clear to S.
,,	6	8	Nb. haze	—	—	Clr.	0	—	None	0	Haze near zenith; stars showing.
,,	8	6	St., Nb.	—	—	Clr.	0	—	None	0	
,,	10	2	St.-Cu.	—	—	Clr.	0	—	—	0	Clear to S.
,,	12	1	St.-Cu.	—	—	Clr.	0	—	—	0	Fine prismatic sky N and S.
,,	14	½	St.	—	—	Clr.	0	—	—	0	Prismatic sky to NW, violet, red, yellow, ? purple.
,,	16	½	Ci.-St.	—	—	Clr.	0	—	—	0	Red sky to NW.
,,	18	1	St.	—	—	Clr.	0	—	NNW to N 20 E	0	
,,	20	2	St.	—	—	Clr.	0	—	N to N 20 E	0	
,,	22	—	—	—	—	—	0	—	—	—	
,,	24	5	Nb., haze	—	—	Clr.	0	—	None	0	Stars just showing near zenith.
22	2	5	Haze, Nb.	—	—	Clr.	S. slt. spic.	—	NNW to N 20 E to NE	0	Stars shining near zenith.
,,	4	2	Haze, Nb.	—	—	Clr.	S. slt. spic.	—	NNW and NW to SE and S.	0	Clearing near zenith.
,,	6	5	Nb.	—	—	Obs.	S. spic.	—	Zenith	0	
,,	8	2	St.	—	—	Clr.	0	—	NNW	0	
,,	10	8	Nb., St.	—	—	Obs.	0	—	—	0	

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July, 1911.											
22	12	2	St.	—	—	½ Obs.	0	—	—	0	Drift on Cape Adare.
,,	14	3	Scud., St.	—	ENE	Clr.	0	—	—	0	Cape Adare clear.
,,	16	1	St.	—	—	Clr.	0	—	—	0	Red sky to N.
,,	18	1	St.	—	—	Clr.	0	—	NW to N 20 E	0	
,,	20	1	St.	—	—	—	0	—	None	0	
,,	22	2	Nb., St., haze	—	—	—	0	—	None	0	
,,	24	3	Nb., St., haze	—	—	Obs.	0	—	N and NE	0	
23	2	1	Nb.	—	—	Obs.	0	—	NW via zenith to SSE	0	
,,	4	1	St.	—	—	Obs.	0	—	NW via zenith to SSE and SE	0	
,,	6	1	St.	—	—	Clr.	0	—	NW via zenith to SSE	0	
,,	8	0	—	—	—	Clr.	0	—	E and N	0	Prismatic sky.
,,	10	0	—	—	—	Clr.	0	—	—	0	Red sky to N.
,,	12	0	—	—	—	Clr.	0	—	—	0	Drift off N end of C. Adare. Vapour rising off ice in NW.
,,	14	0	—	—	—	Clr.	0	—	—	0	Vapour rising to NW.
,,	16	0	—	—	—	Clr.	0	—	—	0	Fine prismatic sky NW.
,,	18	0	—	—	—	Clr.	0	—	W to NNE	0	
,,	20	0	—	—	—	Clr.	0	—	NW zenith to ENE	0	
,,	22	1	St.	—	—	Clr.	0	—	NW to N 20 E	0	
,,	24	1	St.	—	—	Obs.	0	—	N to N 20 E	0	
24	2	1	St.	—	—	Clr.	0	—	N 10 W to N 20 E	0	
,,	4	0	—	—	—	Clr.	0	—	NNW to ESE	0	
,,	6	0	—	—	—	Clr.	0	—	NW	0	
,,	8	½	Cu.	—	—	Clr.	0	—	NW	0	Faint rumbling sound to northward.
,,	10	1	St.-Cu.	—	—	Clr.	0	—	—	0	Fine red sky to N.
,,	12	2	Ci.-St., St.-Cu.	—	—	Clr.	0	—	—	0	Heavy bank of St.-Cu. on horizon WNW to N. Mackerel sky near zenith.

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July, 1911.											
24	14	2	Ci.-St., St.	—	—	Clr.	0	—	—	0	
,,	16	2	St.	—	—	Clr.	0	—	—	0	
,,	18	2	St., haze	—	—	Clr.	0	—	None	0	
,,	20	10	Nb., haze	—	—	Obs.	0	—	None	0	
,,	22	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
,,	24	10	Nb.	—	—	Obs.	S. spic.	—	None	0	
25	2	3	Nb.	—	—	Obs.	0	—	E to SSE	0	Thick to N and S but clear near the zenith.
,,	4	3	Nb.	—	—	Obs.	0	—	None	0	Thick to N and S but clear near the zenith.
,,	6	10	Nb.	—	—	Obs.	0	—	None	0	
,,	8	9½	Nb.	—	—	Obs.	0	—	None	0	Wind changeable.
,,	10	10	Nb.	—	—	Obs.	S. slt.	—	—	Low	Low drift.
,,	12	9½	Nb.	—	—	Obs.	S. slt.	—	—	Low	Red glow in sky to S.
,,	14	7	Nb., Cu.	—	—	Obs.	S. slt.	—	—	Low	Thick to S, clearing to N of zenith.
,,	16	9½	Nb., Cu.	—	—	Obs.	0	—	—	0	Clear to SW.
,,	18	—	—	—	—	—	—	—	—	—	
,,	20	2	Nb.	—	—	Obs.	0	—	None	0	Clear all round zenith.
,,	22	2	Nb.	—	—	Obs.	0	—	None	0	
,,	24	2	Nb.	—	—	Obs.	0	—	Slt. N 20 E	0	
26	2	10	Nb.	—	—	Obs.	0	—	None	—	
,,	4	5	Haze, Nb.	—	—	Obs.	S. slt. spic.	—	None	—	
,,	6	8	Haze, Nb.	—	—	Obs.	0	—	None	—	Clear in zenith.
,,	8	5	St.-Cu., Nb., haze	—	—	Clr.	S. slt. gran.	—	None	—	
,,	10	3	Nb., St.-Cu.	—	—	½ Obs.	0	—	None	—	Thick to S.
,,	12	2	Nb., St.-Cu.	—	—	½ Obs.	0	—	None	—	Ceased snowing. Red glow seen through mist to S. Sun's rays on Mt. Sabine.
,,	14	7	St.-Cu., Scud.	—	—	Clr.	0	—	None	—	
,,	16	9	Nb., Scud.	—	—	Obs.	0	—	None	—	Thickening to S.
,,	18	3	Nb., haze	—	—	Obs.	0	—	None	—	
,,	20	1	Nb.	—	—	Obs.	0	—	None	—	

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July, 1911.											
26	22	1	Nb.	—	—	Obs.	0	—	N to W	—	
,,	24	0	—	—	—	Clr.	0	—	N to W	—	
27	2	0	—	—	—	Clr.	0	—	NNW	—	
,,	4	0	—	—	—	Clr.	0	—	NW to SE	—	
,,	6	½	Nb.	—	—	Clr.	0	—	SE to W	—	
,,	8	½	Nb.	—	—	Clr.	0	—	None	—	
,,	10	1	St.	—	—	Clr.	0	—	None	—	Prismatic sky to E.
,,	12	2	St.	—	—	Clr.	0	—	—	—	Large clouds of vapour rising from sea-ice in N and travelling NE.
,,	14	2	St.	—	—	Clr.	0	—	—	—	Appearance of heavy fog-bank N.
,,	16	2	St.-Cu.	—	—	Clr.	0	—	—	—	Clouded to N.
,,	18	2	Nb., haze	—	—	Obs.	0	—	—	—	Haze to S.
,,	20	1	Haze	—	—	Obs.	0	—	None	—	
,,	22	1	Nb.	—	—	Obs.	0	—	None	—	
,,	24	2	Nb.	—	—	Obs.	0	—	None	—	
28	2	1	Nb.	—	—	Obs.	—	—	NW	Low	
,,	4	½	Nb.	—	—	Obs.	—	—	Zenith	Low	
,,	6	½	Nb.	—	—	Obs.	0	—	NNE to NNW	—	Loud noise behind Cape Adare.
,,	8	8	St.-Cu., Nb.	—	SE	Clr.	0	—	—	—	Mackerel sky to N.
,,	10	9	Nb.	—	—	Clr.	0	—	—	—	
,,	12	8	St., Nb.	—	—	Obs.	0	—	—	—	Drift blowing off top of Cape Adare, bred in clouds to N.
,,	14	10	Nb., haze	—	—	Obs.	0	—	—	—	
,,	16	8	Nb.	—	—	Obs.	0	—	—	—	Clearing to N.
,,	18	2	Nb.	—	—	Obs.	S. slt. spic.	—	—	—	Thick to S.
,,	20	1	St.	—	—	Obs.	0	—	NW to E	—	
,,	22	0	—	—	—	Clr.	0	—	NNE	—	
,,	24	0	—	—	—	Clr.	0	—	SSW to NW	—	
29	2	1	Nb.	—	—	Obs.	0	—	W to ESE	—	

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July, 1911.											
29	4	0	—	—	—	Clr.	0	—	NW to ESE	—	
,,	6	1	Scud., Nb.	—	—	Clr.	0	—	NNW to E	—	
,,	8	1	St.-Cu., Cu.	—	—	Clr.	0	—	None	—	
,,	10	—	—	—	—	—	—	—	—	—	Missed ; away sledging.
,,	12	—	—	—	—	—	—	—	—	—	
,,	14	2	Nb., St.	—	—	½ Obs.	0	—	—	—	
,,	16	8	Nb., St.	—	—	Obs.	S. slt. spic.	—	—	—	Fine red sky to W.
,,	18	2	Nb.	—	—	Obs.	0	—	—	—	
,,	20	2	Nb.	—	—	Obs.	0	—	N to SSW and SSE	—	
,,	22	1	Haze, Nb.	—	—	Obs.	0	—	N	—	
,,	24	1	Haze, Nb.	—	—	Obs.	0	—	N to E and W	—	
30	2	1	Haze	—	—	Obs.	0	0	ENE	—	
,,	4	1	Nb.	—	—	Obs.	0	0	SE to Zenith	—	
,,	6	1	Nb	—	—	½ Obs.	0	0	SE to NW	—	
,,	8	1	Haze, Nb.	—	—	½ Obs.	0	0	None	—	
,,	10	½	St., Nb., haze	—	—	Clr.	0	0	—	—	Light Nb. haze overhead.
,,	12	2	Nb.	—	—	½ Obs.	0	1	—	—	The sun appears clear of horizon, ¾ of diameter clear.
,,	14	2	St.-Cu.	—	—	½ Obs.	0	0	—	—	Prismatic sky to W.
,,	16	3	St.	—	—	Clr.	0	0	—	—	Red sky to W.
,,	18	0	—	—	—	Clr.	0	0	NNE	—	Small halo round moon.
,,	20	1	St.-Nb.	—	—	Clr.	0	0	N	—	
,,	22	1	St., Nb.	—	—	Clr.	0	0	N	—	
,,	24	0	—	—	—	Clr.	0	0	W to NE	—	
31	2	0	—	—	—	Clr.	0	0	NW	—	
,,	4	0	—	—	—	Clr.	0	0	SE	—	
,,	6	0	—	—	—	½ Obs.	0	0	Zenith.	—	Faint aurora glow in zenith.
,,	8	½	St.-Cu.	—	—	Clr.	0	0	None	—	Barometer rising rapidly.
,,	10	½	St.-Cu.	—	—	Clr.	0	0	None	—	

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July—August, 1911.

CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
July, 1911.											
31	12	1	A.-St., St.-Cu.	—	—	Clr.	0	1¼	—	—	Vapour rising from sea-ice in N.
,,	14	½	St.	—	—	Clr.	0	1½	—	—	Vapour rising from sea-ice in NW.
,,	16	½	St., Ci.-St.	—	—	Clr.	0	0	—	—	Small cloud of Ci.-St. round moon.
,,	18	½	St.	—	—	Clr.	0	0	N to NNE	—	
,,	20	0	—	—	—	Clr.	0	0	NE, SE, W	—	
,,	22	5	St.-Cu., Nb.	—	—	Obs.	S. slt. spic.	0	NNE	—	
,,	24	10	Nb.	—	—	Obs.	S. spic.	0	None	—	
August, 1911.											
1	8	9	St.-Cu., Nb., haze	—	—	Obs.	0	0	None	—	No aurora. Nb. haze to S.
,,	10	9	St., Nb.	—	—	Obs.	0	0	None	—	Long layers of St. at foot of hills to S.
,,	12	9	St.-Cu., Scud, Nb.	—	NNE	Obs.	0	0	None	—	
,,	14	9	Nb., Scud	—	NNE	Obs.	0	0	None	—	
,,	16	4	St., St.-Cu., Scud	—	—	½ Obs.	0	0	None	—	Halo round moon.
,,	18	8	Nb., haze	—	—	Clr.	0	0	None	—	Very large halo round moon.
,,	20	10	Nb.	—	—	Obs.	S. spic.	0	None	—	
,,	22	10	Nb.	—	—	Obs.	S. he. spic.	0	None	—	Snow falling thick.
2	8	9½	Cu., Nb.	—	—	Obs.	0	0	None	—	½ inch snow fell last night.
,,	10	10	Nb.	—	—	Obs.	0	0	—	—	
,,	12	10	Nb.	—	—	Obs.	S. he. spic.	0	—	—	Thick to S.
,,	14	10	Nb.	—	—	Obs.	S. he. spic.	0	—	—	Loud rumbling noise to NE.
,,	16	10	Nb.	—	—	Obs.	S. he. spic.	0	—	—	Heavy gusts of wind and drift.
,,	18	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Blizzard from SE, spicular snow, heavy drift. Sudden fall in barometer.
,,	20	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Heavy drift and wind continue.
,,	22	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Wind easing a little. Occasional clouds of drift.
3	8	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Very thick to S.
,,	10	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Spicular snow falling. Overcast.

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August, 1911.

CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
3	12	9½	Haze, Nb.	—	—	Obs.	0	0	—	—	Break in haze to N.
,,	14	9	St., Nb.	—	NW	Obs.	S. spic.	0	—	—	Clear to NW.
,,	16	9	Nb.	—	SW	Obs.	0	0	—	—	Haze all around. Clearing to NW.
,,	18	3	A.-St., Nb.	NW	—	½ Obs.	0	0	—	—	Nb. over Cape Adare. Thick to S.
,,	20	5	A.-St., Nb.	—	—	Clr.	0	0	—	—	
,,	22	5	Nb.	—	—	Clr.	0	0	None	—	
4	8	4	A.-St., St.	—	—	Clr.	0	0	—	—	
,,	10	8	St., Nb.	—	—	Clr.	0	0	—	—	
,,	12	5	Nb., haze	—	—	Clr.	0	0	—	—	Vapour rising off sea-ice NW.
,,	14	4	St.-Cu., Nb.	—	—	½ Obs.	0	0	—	—	Nb. to S. Red sky to NW.
,,	18	3	St., haze	—	—	Clr.	0	0	—	—	Large halo round moon.
,,	20	6	St.-Cu., Nb.	—	NW	Clr.	0	0	—	—	
,,	22	5	St.-Nb.	—	—	Clr.	0	0	—	—	Haze to S.
5	8	9	Nb.	—	—	Obs.	0	0	—	—	
,,	10	5	Scud, Nb., St.	—	NNE	½ Obs.	0	0	—	—	Scud moving from NNE.
,,	12	6	Nb., St.	—	—	Obs.	S. gran.	½	—	—	Very thick to S.
,,	14	7	Ci.-St., Nb.	—	—	Obs.	0	½	—	—	Ci.-St. radiant point N.
,,	16	5	St., Nb., Scud	—	—	Obs.	0	0	—	—	Thick to S.
,,	18	10	Haze, Nb.	—	—	Obs.	0	0	—	—	Stars just visible through haze.
,,	20	10	Nb., haze	—	—	Obs.	0	0	—	—	22° halo round moon.
,,	22	7	Nb., haze	—	—	Obs.	S. gran.	0	—	—	Haze clearing in zenith.
6	8	6	St.-Cu., Ci.-Cu., Nb., haze	—	—	Obs.	S. spic.	0	—	—	
,,	10	10	Nb., haze	—	—	Obs.	S. spic.	0	—	—	Very thick to S.
,,	12	6	Nb., haze	—	—	Obs.	S. spic.	0	—	—	Clear in zenith.
,,	14	2	Scud, St.	—	—	Obs.	0	¼	—	—	Sun just shining.
,,	16	1	Scud., St.	—	—	Clr.	0	0	—	—	
,,	18	1	St.	—	—	Clr.	0	0	—	—	Clouded to N.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
6	20	1	St.	—	—	Clr.	0	0	—	—	
,,	22	7	St., Nb.	—	—	Clr.	0	0	—	—	Thick to N. 22° halo round moon.
7	8	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Snow falling. Overcast with Nb.
,,	10	10	Nb.	—	—	Obs.	S. spic.	0	—	—	
,,	12	4	St., Nb.	—	—	Obs.	0	0	—	—	Thick to SE; clouds of snow moving along Cape Adare, also on top of Mt. Adam.
,,	14	1	Scud, St.	—	—	Obs.	0	½	—	—	St. to N. Much snow forming on Cape Adare. Snow moving from SE.
,,	16	1	St.	—	—	Clr.	0	0	—	—	Snow forming on Cape Adare and being carried upwards almost vertically.
,,	18	1	Scud., St.	—	—	Clr.	0	0	—	—	22° halo round moon.
,,	20	10	Haze, St.	—	—	Clr.	0	0	—	—	
,,	22	10	Nb.	—	—	Obs.	0	0	—	—	
8	8	10	Nb.	—	—	Obs.	0	0	—	—	
,,	10	6	St., Nb.	—	—	Clr.	0	0	—	—	
,,	12	4	St., haze	—	—	Clr.	0	0	—	—	
,,	14	3	St.	—	—	Clr.	0	0	—	—	
,,	16	2	St.	—	—	Clr.	0	0	—	—	
,,	18	3	Ci., Scud.	—	—	Clr.	0	0	—	—	
,,	20	5	Scud., A.-Cu.	—	—	Obs.	0	0	—	—	Scud on C. Adare.
9	8	1	Cu.	—	—	Clr.	0	0	—	—	
,,	10	9	Nb.	—	—	½ obs.	0	0	—	—	Drift blowing off C. Adare.
,,	12	9	Nb.	—	—	Clr.	0	0	—	Slt.	Columns of drift on and off end of C. Adare.
,,	14	10	Nb., haze	—	—	Clr.	0	0	—	Slt.	
,,	16	10	Nb., Cu.	—	—	Clr.	0	0	—	Slt.	Portion of Cu. W to E. Nb. on top of C. Adare.
,,	18	10	Nb.	—	—	—	0	0	—	—	
,,	20	10	Nb.	—	—	Obs.	0	0	—	Slt.	
10	8	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	—	Rumbling noise to N.
,,	10	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	—	Rumbling noise ceased.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
10	12	9	St.-Cu., Nb.-haze	—	—	Obs.	S. slt. gran.	0	—	—	
,,	14	9	A.-St., Nb.-haze	—	—	Obs.	S. slt. gran.	0	—	—	
,,	18	2	St., Ci.-Cu.	—	—	Clr.	0	0	—	—	22 halo round moon.
,,	20	9	St., Ci.-Cu.	—	—	Clr.	0	0	—	—	
,,	22	9	Nb.	—	—	Clr.	0	0	—	—	Light Nb. haze. Breaking to N.
11	8	2	St.	—	—	Clr.	0	0	—	—	Lines of St. to N.
,,	10	3	St.-Cu., Cu.	—	—	Obs.	0	0	—	Low	Gust of wind from N with drift. Whirlwinds of snow on C. Adare to SE.
,,	12	2	Cu.	—	—	Clr.	0	0	—	—	Heavy clouds of snow to NW over sea-ice moving toward W. Clouded to N.
,,	14	2	Ci.-Cu., St.	—	—	Clr.	0	0	—	—	
,,	16	1	Ci.-St., St., Scud.	—	—	Clr.	0	0	—	—	
,,	18	1	Ci.-St., St.	—	—	Clr.	0	0	—	—	A.-St. radiant point E.
,,	20	2	St., Ci.-St.	—	—	Clr.	0	0	—	—	
,,	22	1	A.-St.	—	—	Clr.	0	0	—	—	
12	8	1	St., Cu.	—	—	Clr.	0	0	—	—	
,,	10	2	St., Cu.	—	—	$\frac{1}{2}$ obs.	0	0	—	—	Clouded to N. Red glow to S.
,,	12	2	Cu.	—	—	Clr.	0	$\frac{1}{2}$	—	—	Vapour rising off sea-ice NW.
,,	14	1	Scud., St.	—	—	Clr.	0	$1\frac{1}{2}$	—	—	Haze on Sir G. Newnes Glacier.
,,	16	2	St.	—	—	Clr.	0	0	—	—	A.-St. radiant point WNW.
,,	18	6	Nb., St.-Cu.	—	—	Clr.	0	0	—	—	St. radiant point W by N.
,,	20	5	Haze, St.	—	—	Clr.	0	0	—	—	
,,	22	10	Nb., haze	—	—	Clr.	0	0	—	—	Stars just visible, 22 halo round moon.
13	8	10	Nb.	—	—	Obs.	0	0	—	—	Very thick to S. Rumbling noise to NE.
,,	10	10	Nb.	—	—	Obs.	0	0	—	—	Loud sound round C. Adare.
,,	12	10	Nb.	—	—	Obs.	S. spic.	0	—	Low	
,,	14	10	Nb.	—	—	Obs.	S. spic.	0	—	—	
,,	16	10	Scud., Nb.	—	—	Obs.	S. slt. spic.	0	—	—	Clearing near zenith to a haze.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora	Drift.	Remarks.
August, 1911.											
13	18	6	Nb.	—	—	Obs.	S. slt. spic.	0	—	—	Stars visible through haze. Clear in zenith.
,,	20	2	St.	—	—	Obs.	0	0	N to NE	—	
,,	22	1	St.	—	—	Clr.	0	0	None	—	
14	8	1	Scud., St.	—	—	½ obs.	0	0	—	—	
,,	10	7	A.-St., Ci.-Cu., Scud.	—	—	Clr.	0	0	—	—	
,,	12	½	Cu.	—	—	Clr.	0	1¼	—	—	
,,	14	½	St.	—	—	Clr.	0	2	—	—	
,,	16	½	Scud., St.	—	—	Clr.	0	0	—	—	
,,	18	1	St.	—	—	Clr.	0	0	NNE	—	
,,	22	1	St.	—	—	Obs.	0	0	—	—	Haze to S.
15	8	10	Nb.	—	—	Obs.	0	0	—	He.	Heavy gusts of wind from SSE with clouds of drift.
,,	10	10	Nb.	—	—	Obs.	S.	0	—	He.	Proportion of snow to drift impossible to estimate.
,,	12	10	Nb.	—	—	Obs.	S.	0	—	He.	
,,	14	10	Nb.	—	—	Obs.	S.	0	—	Slt.	Little snow.
,,	16	10	Nb.	—	—	Obs.	0	0	—	Slt.	
,,	18	10	Nb.	—	—	Obs.	0	0	—	Slt.	Pebbles flying.
,,	20	10	Nb.	—	—	Obs.	0	0	—	Slt.	Pebbles flying.
16	8	10	Nb.	—	—	Obs.	0	0	—	—	Sea-ice went out with yesterday's gale.
,,	10	7	Scud., St.	—	—	Obs.	0	0	—	—	
,,	12	5	Scud., Nb.	—	—	Clr.	0	0	—	—	Clouds nearly all due directly to open water.
,,	14	9	Scud., Nb.	—	—	Obs.	0	2	—	—	Two hours' sunshine through mist.
,,	16	10	Scud., Nb.	—	—	Obs.	0	½	—	—	
,,	18	9	Cu. Nb.-haze	—	—	Obs.	0	0	—	0	Thick haze to S and top of C. Adare.
,,	20	10	Nb.-haze	—	—	Obs.	S. slt. spic.	0	—	0	Snow is probably frost-smoke being driven in.
,,	22	8	Nb.-haze.	—	—	Obs.	S. slt. spic.	0	—	0	Clear to N.
17	8	½	St.-Cu., Nb.	—	—	Clr.	0	0	—	—	Nb. on top of C. Adare.

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CAPE ADARE.

Day	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
17	10	3	St.-Cu., Scud.	—	—	Clr.	0	0	—	—	Cloud cap on C. Adare.
,,	12	8	St., Nb.	—	—	Clr.	0	0	—	—	Clear to S and SE.
,,	14	9	St., Nb.	—	—	Clr.	0	0	—	—	Clear to S but for a little scud.
,,	16	9	St., Nb.	—	—	½ Obs.	0	0	—	—	Clear to SW.
,,	18	6	St.-Cu., haze	—	—	Obs.	0	0	—	—	Noise behind C. Adare.
,,	20	2	Haze, St.	—	—	Obs.	0	0	—	—	
,,	22	10	Nb., haze	—	—	Obs.	0	0	—	—	
18	8	10	Nb., haze	—	—	Obs.	S. spic.	0	—	0	Loud noise behind C. Adare.
,,	10	10	Nb.	—	—	Obs.	S. spic.	0	—	Low	
,,	12	8	St.-Cu., Nb.	—	—	Obs.	0	¼	—	Low	Sun shining through clouds N.
,,	14	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Cloud cap on C. Adare. Dense St.-Cu. to N.
,,	16	10	Nb., St.-Cu.	—	—	Obs.	S. slt. gran.	0	—	0	Thick to S.
,,	18	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Snow falling in flakes.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
,,	22	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Wind very changeable.
19	8	10	Nb.	—	—	½ Obs.	0	0	—	—	
,,	10	10	Nb.	—	—	Obs.	0	0	—	—	
,,	12	10	Nb.	—	—	Obs.	0	0	—	—	Open leads in bay.
,,	14	10	Nb.	—	—	Obs.	0	0	—	Low	Very thick to S.
,,	16	10	Nb.	—	—	Obs.	0	0	—	0	Snow fog on C. Adare.
,,	18	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Wind steady.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Flaky snow falling.
,,	22	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
20	8	10	Nb.	—	—	Obs.	0	0	—	0	
,,	10	10	Nb.	—	—	Obs.	0	0	—	0	Mountains obscured.
,,	12	10	Nb.	—	—	Obs.	0	0	—	0	Clouds breaking to S.
,,	14	10	Scud., St., Nb.	—	—	Obs.	0	0	—	0	Thick to S.
,,	16	10	St., Nb.	—	—	Obs.	0	0	—	0	Brilliant red sunset.

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CAPE ADARE.

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August, 1911.											
20	18	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Thick to S.
,,	20	10	Nb.	—	—	Obs.	0	0	N	0	
,,	22	10	Nb., haze	—	—	Obs.	0	0	—	0	Stars shining through haze.
21	8	2	A.-St., haze	—	—	Clr.	0	0	—	0	Prismatic sky N and S.
,,	10	1	A.-St.	—	—	Clr.	0	0	—	0	
,,	12	¼	A.-St.	—	—	Clr.	0	2	—	0	
,,	14	1	Ci.-St., A.-St.	—	—	Clr.	0	2	—	0	
,,	16	1	Ci.-St.	—	—	Clr.	0	1¾	—	0	Fine prismatic sky to W.
,,	18	1	A.-St.	—	—	Obs.	0	0	—	0	Prismatic sky to W. Haze to SE.
,,	20	0	—	—	—	Clr.	0	0	NNW to NE	0	
,,	22	½	St.-Cu.	—	—	Clr.	0	0	NNW	0	Aurora NNW end of C. Adare.
22	8	1	A.-St.	—	—	Clr.	0	0	—	0	Long low line of frost-smoke in NW.
,,	10	1	St.-Cu., A.-St.	—	—	Clr.	0	0	—	0	
,,	12	1	St. Ci.-St.	—	—	Clr.	0	2	—	0	Vapour rising off sea-ice to N.
,,	14	2	St., Ci.-St.	—	—	Clr.	0	2	—	0	Whirlwinds of snow on top of Warning Glacier and high peaks.
,,	16	1	Ci.-St., A.-St., Scud.	—	—	Clr.	0	2	—	0	
,,	18	1	A.-St.	—	—	Clr.	0	0	—	0	Prismatic sky to W.
,,	20	1	St., haze	—	—	Clr.	0	0	NNW to ENE	0	
,,	22	1	St.	—	—	Clr.	0	0	NW	0	
23	8	1	A.-St., St.-Cu.	—	—	Clr.	0	0	—	0	Slight scud to N and on S end of C. Adare.
,,	10	1	A.-St., St.	—	—	Clr.	0	0	—	0	Frost on ball of sundshine-recorder.
,,	12	1	A.-St., St.	—	—	Clr.	0	2	—	0	Snow fog around Mts. Adam and Minto.
,,	14	6	Nb., St., Ci.-Cu.	—	—	Clr.	0	2	—	—	
,,	16	8	St., Scud., Nb.	—	—	Clr.	0	1¾	—	—	Clear to N and W.
,,	18	8	Cu., Scud., haze	—	—	Obs.	0	0	—	—	Clear to NW.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	—	C. Adare obscured.
,,	22	¼	Cu.	—	NNW	Clr.	0	0	NNW to NE	—	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Direction from Upper.	Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
24	8	4	A.-St., St.	—	—	Clr.	0	0	—	—	Red sky to S. Haze to W. Frost-smoke in NW.
,,	10	1	Nb., Scud.	—	—	Clr.	0	0	—	—	Cloud cap on C Adare.
,,	12	1	St., Ci.-St.	—	—	Clr.	0	2	—	—	Vapour rising off sea-ice.
,,	14	1	St.-Cu., Scud.	—	—	Clr.	0	2	—	—	
,,	16	1	St.-Cu.	—	—	Clr.	0	$1\frac{3}{4}$	—	—	
,,	18	0	—	—	—	Clr.	0	0	NNW	—	
,,	20	0	—	—	—	Clr.	0	0	NW via zenith to SE	—	
,,	22	$\frac{1}{2}$	St.-Cu.	—	—	Clr.	0	0	N and W	—	
25	8	9	St., Nb., haze	—	—	Clr.	0	0	—	—	Heavy clouds of black vapour NW to C. Adare. Noise to the N like open water.
,,	10	9	St., Nb.	—	—	Clr.	0	0	—	—	
,,	12	8	Nb., haze, St.-Cu.	—	—	Clr.	0	$\frac{1}{2}$	—	—	Sun shining through clouds.
,,	14	9	Nb., St.	—	—	Clr.	0	$\frac{1}{2}$	—	—	Sun shining faintly.
,,	16	9	Nb., St.	—	—	Clr.	0	$\frac{1}{4}$	—	—	
,,	18	9	St., Nb., haze	—	—	Clr.	0	0	—	—	Very black in N.
,,	20	1	St., Nb.	—	—	Clr.	0	0	NE to SE	—	Clouds on W horizon.
,,	22	1	St., Nb.	—	—	Clr.	0	0	WNW to N	—	
26	8	9	St.-Cu., Nb.	—	W	Clr.	S. slt. spic.	0	—	—	
,,	10	4	Ci.-Cu., St.	—	—	Clr.	0	0	—	—	
,,	12	5	Ci., A.-St.	—	—	Clr.	0	$\frac{1}{2}$	—	—	Mist top of S end of C. Adare.
,,	14	4	Ci.-Cu., St.	—	—	Clr.	0	$\frac{1}{2}$	—	—	
,,	16	1	Ci.-St., Scud., St.-Cu.	—	—	Clr.	0	$1\frac{1}{2}$	—	—	Frost-smoke to W. Ci.-St. trending WNW to ESE.
,,	18	1	St.-Cu.	—	—	Clr.	0	0	—	—	New moon in W.
,,	20	1	St.-Cu.	—	—	Clr.	0	0	—	—	
,,	22	1	St.-Cu.	—	—	Clr.	0	0	—	—	
27	8	$9\frac{1}{2}$	Nb., haze, Scud., St., St.-Cu.	—	ENE	Obs.	0	0	—	—	Vapour rising N. Haze to S.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
27	10	8	St.-Cu., Nb.	—	—	Obs.	S. slt. gran.	0	—	—	Clear to W.
,,	12	9	Nb., St.-Cu.	—	—	Obs.	S. slt. gran.	0	—	—	Thick to SE. Clear to SW.
,,	14	8	Nb.	—	—	Obs.	0	½	—	—	Bright sun-dog.
,,	16	1	Haze, scud.	—	—	Clr.	0	1	—	—	
,,	18	1	A.-St., St.-Cu.	—	—	Clr.	0	0	N by W	—	Aurora just forming.
,,	20	1	Haze, St.-Cu.	—	—	Hazy	0	0	N to ENE	—	
,,	22	½	St.-Cu.	—	—	Clr.	0	0	NW to NE	—	
28	8	9	St.-Cu., Nb., haze	—	—	½ Obs.	0	0	—	—	
,,	10	5	St.-Nb., Scud.	—	—	½ Obs.	0	¼	—	0	Slight sun-dog left of sun.
,,	12	3	St., Ci.-St., Nb.	—	—	Clr.	0	2	—	0	Thick to S and W.
,,	14	6	A.-St., Nb. haze	—	—	Clr.	0	2	—	0	Slight sun-dogs each side of sun.
,,	16	5	Haze, Nb., Cu.	N	—	Obs.	S. spic.	1	—	0	
,,	18	5	Haze, Nb., St.	—	—	Obs.	0	0	N	0	
,,	20	5	St. haze, Nb.	—	—	Obs.	0	0	—	0	Thick to S.
,,	22	1	St.-Cu.	—	—	Clr.	0	0	None	0	
29	8	9½	Nb., haze	—	—	Obs.	0	0	—	0	Frost-smoke in NW.
,,	10	7	Scud.. Nb.	—	NNE	Obs.	S.. slt. gran.	0	—	0	Clearing to NE and Zenith.
,,	12	9½	Nb.	—	—	Obs.	S., slt. gran.	0	—	0	Clearing to SE.
,,	14	8	Ci.-Cu., haze, Nb.	—	—	Obs.	0	0	—	0	Sun just shining.
,,	16	10	St., haze, Nb.	—	—	Obs.	S., slt. gran.	0	—	0	
,,	18	5	St., Nb., haze	—	—	Obs.	0	0	—	0	Haze to SE.
,,	20	10	Nb., haze	—	—	Obs.	S., slt. gran.	0	N to NE	0	
,,	22	5	A.-St., Nb., haze	—	—	Obs.	0	0	None	0	
30	8	7	St.-Cu., A.-St., Nb., haze	—	—	Obs.	0	0	—	—	A.-St. radiant point NW.
,,	10	9	Nb., haze	—	—	Obs.	0	¼	—	—	
,,	12	6	A.-St., Nb., haze, St. scud.	—	—	½ Obs.	0	1¾	—	—	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
August, 1911.											
30	14	3	A.-St.	—	SE	Obs.	0	2	—	—	
,,	16	6	A.-St., St. scud	—	—	Obs.	0	1	—	—	
,,	18	9	St., Nb., haze	—	—	Obs.	0	0	—	—	C. Adare thick with mist; thick to SE.
,,	20	10	Nb., haze	—	—	Obs.	S. slt.	0	—	Inter.	Gust SE., N, NW, and NE.
,,	22	9	Nb., haze	—	—	Obs.	0	0	—	Low	Partly clear in zenith.
31	8	8	A.-St., Nb., haze	—	—	Obs.	0	0	—	—	Wind gusty.
,,	10	9	St.-Cu., St., Nb.-Cu.	—	—	Obs.	0	0	—	—	
,,	12	9	Nb., St.-Cu.	—	—	Obs.	0	0	—	—	Rumbling noise SW of bay.
,,	14	10	Nb.	—	—	Obs.	S., slt. spic.	0	—	Inter.	Wind backing.
,,	16	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	Nb., haze	—	—	Obs.	0	0	—	0	Wind shifty.
,,	20	10	Nb., haze	—	—	Obs.	0	0	—	0	
,,	22	10	Nb.	—	—	Obs.	0	0	—	0	
September, 1911.											
1	8	10	Nb.	—	—	Obs.	S., slt. spic.	0	—	0	
,,	10	10	Nb.	—	—	Obs.	S., slt. spic.	0	—	0	
,,	12	10	Nb.	—	—	Obs.	S., slt. spic.	0	—	0	
,,	14	10	St., Nb.	—	—	Obs.	0	0	—	0	Sun just shining dimly.
,,	16	9	St., Nb.	—	—	Obs.	0	0	—	0	
,,	18	5	A.-St., Nb.	—	—	½ Obs.	0	0	—	0	St. trending ENE to WSW.
,,	20	1	St.	—	—	Clr.	0	0	—	0	
,,	22	1	St.	—	—	Clr.	0	0	—	0	
2	8	8	A.-St., St.-Cu., Nb., haze	—	—	Clr.	0	0	—	0	
,,	10	3	St., haze	—	—	Clr.	0	¼	—	0	
,,	12	4	A.-St., St., haze	—	—	Clr.	0	2	—	0	Sun shining through haze; heavy clouds changing over Mts. Adam and Minto.
,,	14	9	St., Nb., haze	—	—	Clr.	0	1½	—	0	Not bright sun.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
2	16	6	St., haze	—	—	Clr.	0	0	—	0	Moon and sun shining through haze.
,,	18	6	A.-St., St., haze	—	—	Clr.	0	0	—	0	Close prismatic halo around moon. Noise behind C. Adare.
,,	20	2	Scud., St., haze	—	SE	½ Obs.	0	0	—	0	Noise behind C. Adare.
,,	22	3	Scud., St., haze	—	SE	½ Obs.	0	0	—	0	
3	8	9	St.-Cu., haze, scud.	—	—	½ Obs.	0	0	—	0	Upper part of glacier clear.
,,	10	10	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	12	10	Nb.	—	—	Clr.	0	0	—	0	
,,	14	10	Nb.	—	—	Clr.	0	0	—	0	
,,	16	10	St., Nb.	—	—	Clr.	0	0	—	0	
,,	18	10	St., Nb.	—	—	Clr.	0	0	—	0	
,,	20	10	Nb.	—	—	Clr.	0	0	—	0	
,,	22	10	Nb.	—	—	Clr.	0	0	—	0	Wind gusty.
4	8	6	A.-St., St., haze	—	—	Clr.	0	0	—	—	Sun shining on western mountains.
,,	10	9	St., Nb.	—	—	Clr.	0	0	—	—	
,,	12	9	Cu., St.	—	E	Clr.	0	1½	—	—	
,,	14	9	St., haze	—	—	Clr.	0	1	—	—	Noise behind C. Adare.
,,	16	10	Nb.	—	—	Clr.	0	0	—	—	
,,	18	9½	Nb.	—	—	Clr.	0	0	—	—	
,,	20	10	St.-Cu., Nb.	—	—	Clr.	0	0	—	—	
,,	22	10	St.-Cu., Nb.	—	—	½ Obs.	S., slt. spic.	0	—	—	
5	8	10	St.-Cu., Nb.	—	—	Obs.	S., slt. spic.	0	—	—	
,,	10	10	St.-Cu., Nb.	—	—	Obs.	S., slt. spic.	0	—	—	
,,	12	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	—	
,,	14	10	Nb.	—	—	Obs.	S., slt. gran.	0	—	—	
,,	16	10	Nb.	—	—	Obs.	S., slt. gran.	0	—	—	C. Adare indistinct.
,,	18	10	Nb.	—	—	Obs.	S., slt. gran.	0	—	—	Noise behind C. Adare.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
5	20	10	Nb.	—	—	Obs.	S., slt. gran.	0	—	—	Noise behind C. Adare stopped.
,,	22	10	Nb.	—	—	Obs.	S., slt. gran.	0	—	—	
6	8	8	A.-St., St., Nb.	—		½ Obs.	0	0	—	—	Western mountains obscured.
,,	10	5	Scud., St., Nb.	—	S	Clr.	0	0	—	—	
,,	12	1	Scud., St.	—	S	Clr.	0	1½	—	—	
,,	14	¼	Scud.	—	—	Clr.	0	2	—	—	
,,	16	½	St., scud.	—	—	Clr.	0	2	—	—	
,,	18	½	St., scud.	—	—	Clr.	0	0	—	—	
,,	20	1	St., scud.	—	—	Clr.	0	0	—	—	
,,	22	2	A.-St., St.	—	—	Clr.	0	0	—	—	
7	8	5	A.-St., St., scud.	—	—	½ Obs.	0	0	—	—	
,,	10	9	St.	—	—	½ Obs.	0	0	—	—	
,,	12	9	St.	—	—	½ Obs.	0	0	—	—	
,,	14	9	St.	—	—	Obs.	0	0	—	—	
,,	16	10	Nb.	—	—	Obs.	S. spic.	0	—	—	Clouds clearing to W.
,,	18	9	Nb., St.	—	—	Obs.	0	0	—	—	Moon shining through haze.
,,	20	10	Nb.	—	—	Hazy	0	0	—	—	22° halo.
8	8	9	St., Nb.	—	—	Clr.	0	0	—	—	Clear to S and W. (Away sledging 8th to 12th.)
13	8	7	Nb.	—	—	Clr.	S. gran.	0	—	—	Clear to SE.
,,	10	9	Nb.	—	—	Clr.	S., slt. spic.	0	—	—	Sun shining through haze.
,,	12	6	Cu., Nb.	—	—	Clr.	S., slt. spic.	½	—	—	
,,	14	4	Nb., Ci.-St., St.	—	—	Clr.	S., slt. spic.	½	—	—	14h. 30m. sun-dog NNW.
,,	16	1	St., Cu.	—	—	Clr.	0	2	—	—	Low St. clouds over Warning Glacier. St. radiant point W.
,,	18	1	St.-Cu.	—	—	Clr.	0	¾	—	—	Clouds of snow on Mts. Adam and Minto.
,,	20	1	St.	—	—	Clr.	0	0	N, NW, E	—	
,,	22	0	—	—	—	Clr.	0	0	NNW to NE by E	—	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
14	8	9	St., Cu., Nb.	—	—	Clr.	0	0	—	—	
,,	10	9½	Scud., Nb.	—	ESE	Clr.	0	0	—	—	Scud on C. Adare. Sun just shining through haze.
,,	12	10	Nb.	—	—	Obs.	S. he. spic.	0	—	—	
,,	14	10	Nb.	—	—	Obs.	0	0	—	—	
,,	16	10	Nb.	—	—	Obs.	0	0	—	—	Noise behind C. Adare.
,,	18	10	Nb.	—	—	Obs.	0	0	—	—	¾ in. of snow fell during day.
,,	20	10	Nb.	—	—	Obs.	0	0	—	—	Star-shaped snow falling.
,,	22	10	Nb.	—	—	Obs.	0	0	—	—	Loud noise behind C. Adare. ½ in. of snow fell since 18 h.
15	8	8	Nb.	—	—	Obs.	0	⅙	—	—	4½ in. of snow fell during last night.
,,	10	9½	St., Nb.	—	—	Obs.	0	½	—	—	Clear over hills to S.
,,	12	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	—	Noise behind C. Adare.
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	—	Wind gusty.
,,	16	9	St., Nb.	—	—	Obs.	S. slt. spic.	0	—	—	Clear to W.
,,	18	4	St., Cu., Nb.	—	—	Obs.	0	0	—	—	Noise continues. Clear in zenith.
,,	20	5	Nb.	—	—	Obs.	0	0	—	—	
16	8	10	Nb.	—	—	Obs.	0	0	—	—	
,,	10	10	Nb.	—	—	Obs.	0	0	—	Slt.	Drift off C. Adare. Wind easing a little.
,,	12	10	Nb.	—	—	Obs.	0	0	—	Slt.	Wind increasing.
,,	14	10	Nb.	—	—	Obs.	0	0	—	Slt.	Small pebbles flying.
,,	16	9¾	Nb.	—	—	Obs.	0	0	—	Slt.	Breaking to S.W. Drift off C. Adare.
,,	18	10	Nb.	—	—	Obs.	0	0	—	Slt.	Drift blowing off C. Adare.
,,	20	10	Nb.	—	—	Obs.	0	0	—	0	Wind gusty.
17	8	10	Nb.	—	—	Obs.	0	0	—	0	Wind easing; heavy gusts at intervals.
,,	10	10	Nb.	—	—	Obs.	0	0	—	0	Brightening a little overhead.
,,	12	10	Nb.	—	—	Obs.	0	¼	—	0	Sun just shining.
,,	14	7	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	Clouds breaking SE and N.
,,	16	8	St., St.-Cu.	—	—	Clr.	0	0	—	0	Wind died out about 15h. 30 m.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
17	18	7	St., St.-Cu.	—	—	Clr.	0	0	—	0	Clear to SE.
,,	20	½	A.-St.	—	—	Clr.	0	0	—	0	
,,	22	½	A.-St.	—	—	Clr.	0	0	—	0	
18	8	4	Nb. St.-Cu.	—	—	Clr.	0	0	—	0	A heavy Nb. cloud on C. Adare moving from ESE.
,,	10	7	Nb., St.. St.-Cu.	—	SSE	½ Obs.	0	1	—	0	A heavy Nb. cloud on C. Adare moving from ESE.
,,	12	9	Nb., St., St.-Cu.	—	SSE	½ Obs.	0	½	—	—	Clouding in with heavy Nb.
,,	14	10	Fog	—	—	Obs.	0	0	—	—	Heavy fog. C. Adare invisible.
,,	16	4	St.-Cu., Nb.	—	—	Clr.	0	1½	—	—	Sun visible through haze.
,,	20	6	Nb.	—	—	Obs.	0	0	—	—	Heavy Nb. over C. Adare.
,,	22	1	Nb., St.	—	—	Obs.	0	0	N	—	Nb. to SE.
19	8	8	Scud., Nb.	—	ESE	Obs.	0	0	—	0	Heavy Nb. over S end of C. Adare.
,,	10	7	Scud., Nb., St.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	12	3	Scud., Nb., St.	—	—	Obs.	—	1½	—	0	Thick haze at S end of C. Adare.
,,	14	9	A.-St., St.-Cu., Ci.-St.	—	—	Obs.	—	0	—	0	
,,	16	9	St., Nb.	—	—	½ Obs.	—	0	—	0	
,,	18	10	St., Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Noise of pressure N.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
20	8	9	Nb.	—	—	½ Obs.	—	0	—	0	Noise behind C. Adare.
,,	10	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	Slt.	
,,	12	10	Nb.	—	—	Obs.	0	0	—	Slt.	
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	Slt.	
,,	16	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	Slt.	
,,	18	10	Nb.	—	—	½ Obs.	0	0	—	0	
,,	20	10	Nb.	—	—	½ Obs.	0	0	—	0	
,,	22	8	Nb.	—	—	Obs.	0	0	—	0	Clearing in zenith.
21	8	10	St., Nb.	—	—	Obs.	0	0	—	0	
,,	10	10	Nb., St.	—	—	Obs.	0	0	—	0	Sun just showing through haze.

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
21	12	10	Nb., St.	—	—	½ Obs.	0	¾	—	0	Sun shining through haze.
,,	14	10	St.-Cu., Nb.-St.	—	—	Obs.	0	½	—	0	Sun showing through haze.
,,	16	9	Nb.-St., haze	—	—	Obs.	0	0	—	0	Clearing to S and zenith.
,,	18	7	A.-St., Nb.	—	—	½ Obs.	0	0	—	0	Red sky NW to SE.
,,	20	8	St., Nb.	—	—	½ Obs.	0	0	—	0	Clearing to S and W.
,,	22	8	St., Nb.	—	—	½ Obs.	0	0	—	0	
22	8	½	A.-St.	—	—	Clr.	0	0	—	0	
,,	10	½	Ci.-Cu., St.	—	—	Clr.	0	0	—	0	A little light St. and Ci.-Cu. to N.
,,	12	1	A.-St.	—	—	Clr.	0	2	—	0	Lovely day.
,,	14	¼	St.	—	—	Clr.	0	2	—	0	Lovely day.
,,	16	1	Nb., Scud.	—	—	Clr.	0	2	—	0	Cloud cap on C. Adare and Geikie Land.
,,	18	2	Nb.-St., Scud.	—	—	Clr.	0	1	—	0	
,,	20	7	St.-Nb., Ci.-Cu.	—	—	Clr.	0	0	—	0	
,,	22	0	—	—	—	Clr.	0	0	—	0	
23	8	3	Ci.-St., A.-St.	—	—	Clr.	0	0	—	0	Ci.-St. and A.-St. NE and SW.
,,	10	1	Ci.-St.	—	—	Clr.	0	1¾	—	0	
,,	12	3	Ci.-St., Ci.-Cu., Scud.	—	W by S	Clr.	0	2	—	0	
,,	14	4	Ci.-St., Nb., St.-Cu., Ci.-Cu.	—	—	Clr.	0	2	—	0	Noise to N.
,,	16	10	St.-Cu., Nb., A.-St., haze	—	—	Clr.	0	⅓	—	0	Faint noise to N.
,,	18	10	St.-Cu. Nb., haze	—	—	Clr.	0	0	—	0	Noise ceased.
,,	20	10	St.-Cu., Nb., haze	—	—	Clr.	0	0	—	0	Slight noise behind C. Adare.
,,	22	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Snowing fairly thickly.
24	8	9	St.-Cu., Nb., Scud.	—	SE	Obs.	S. slt. spic.	0	—	0	
,,	10	9½	Haze, Scud.	—	SE	½ Obs.	S. slt. spic.	0	—	0	Mountains obscured except to SSW.
,,	12	9	St.-Cu., Nb.	—	ESE	½ Obs.	0	0	—	0	Sir John Murray Glacier obscured.
,,	14	6	St.-Cu., Nb. A.-St., St.	—	SE	Clr.	0	½	—	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
September, 1911.											
24	16	8	St.-Cu., Nb.	—	—	Clr.	0	1½	—	0	
..	18	4	Ci.-St.	—	—	Clr.	0	0	—	0	
..	20	1	A.-St.	—	—	Clr.	0	0	—	0	Prismatic sky to WSW.
..	22	0	—	—	—	Clr.	0	0	NW	0	
25	8	4	Ci.-St., St.-Cu., Nb., haze	—	—	Obs.	0	0	—	0	Glaciers obscured by large St. cloud.
..	10	9½	St.-Cu., Nb. Scud.	—	SE	Obs.	0	0	—	0	Glaciers obscured by large St. cloud.
..	12	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Glaciers obscured by large St. cloud.
..	14	10	St.-Cu., Nb.	—	—	½ obs.	S. slt. spic.	0	—	0	Roaring noise to N.
..	16	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Drift about C. Adare.
..	18	10	Nb.	—	—	Obs.	0	0	—	Low	Wind very gusty.
..	20	10	Nb.	—	—	Obs.	0	0	—	He.	Wind very gusty.
..	22	10	Nb.	—	—	Obs.	0	0	—	He.	Hurricane gusts of wind.
26	8	9½	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	Mountains fairly clear. Murray glacier obscured.
..	10	10	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	Mountains fairly clear. Murray glacier obscured.
..	12	10	St.-Cu., Nb., Scud.	—	SE	Obs.	0	0	—	0	Mountains fairly clear. Murray glacier obscured.
..	14	10	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	Sun shining through Nb.
..	16	10	St.-Cu., Nb., Scud.	—	ESE	½ obs.	0	0	—	0	Murray glacier obscured. Drift on S. end of C. Adare.
..	18	10	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	Looking thick to S.
..	20	10	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	Mountains visible. Murray glacier obscured.
..	22	8	Nb.	—	—	½ obs.	0	0	—	0	Stars visible.
27	8	10	St.-Cu., Scud., Nb.	—	—	½ obs.	0	0	—	0	Murray glacier obscured.
..	10	10	St.-Cu., Nb., haze	—	—	½ obs.	0	0	—	0	Murray glacier obscured.
..	12	9	St.-Cu., Nb., Scud.	—	SE	½ obs.	0	0	—	0	Sun shining dimly through haze.
..	14	9	Nb., Scud.	—	S	½ obs.	0	0	—	0	Murray glacier obscured.
..	16	8½	St.-Cu., Nb., Scud.	—	SE by E	½ obs.	0	0	—	0	Murray glacier obscured. Sun shining through Nb. haze.
..	18	6	St.-Cu., haze, Nb.	—	—	½ obs.	0	0	—	0	Murray glacier obscured.

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September, 1911.											
27	20	6	St.-Cu., Nb., haze	—	—	½ obs.	0	0	—	0	Murray glacier obscured.
,,	22	3	St.-Cu., Nb., haze	—	—	½ obs.	0	0	N	0	Murray glacier obscured.
28	8	9	St.-Cu., St.-Nb.	—	—	½ obs.	0	0	—	0	
,,	10	9	St.-Cu., Nb.	—	—	½ obs.	0	0	—	0	
,,	12	6	A.-St., Cu., St.	—	—	Clr.	0	0	—	0	Heavy St. over hills from S.
,,	14	7	St., Nb.	—	—	Clr.	0	2	—	0	
,,	16	7	St., haze	—	—	Clr.	0	2	—	0	
,,	18	5	A.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	20	5	A.-St., St.-Cu.	—	—	Clr.	0	0	—	0	Heavy bank of clouds in SW.
,,	22	7	A.-St., St.-Cu.	—	—	Clr.	0	0	—	0	
29	8	2	Cu.	—	—	Clr.	0	0	—	0	
,,	10	2	St.	—	—	Clr.	0	2	—	0	
,,	12	2	St.-Cu.	—	—	Clr.	0	2	—	0	Clouded to NW.
,,	14	3	Ci.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	16	3	Ci.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	18	1	St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	20	2	A.-St., St.-Cu.	—	—	Clr.	0	0	—	0	
30	8	1	Ci.-St., St.	—		Clr.	0	0	—	0	
,,	10	5	Ci., A.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	12	5	Ci., A.-St., St.	—	—	Clr.	0	2	—	0	
,,	14	6	Ci., A.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	16	6	Ci., A.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	18	6	Ci., Ci.-St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	20	6	St.-Cu., Ci.-St., Nb.	—	—	Clr.	0	0	—	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
October, 1911.											
1	8	3	St., scud, St.-Cu.	—	—	Clr.	0	$\frac{1}{2}$	—	0	Low bank of clouds to N.
,,	10	2	St., St.-Cu., Ci.	S	—	Clr.	0	2	—	0	Mare's tail Ci. zenith and SE.
,,	12	$\frac{1}{2}$	A.-St.	—	—	Clr.	0	2	—	0	
,,	14	4	St.-Cu., A.-St.	—	—	Clr.	0	2	—	0	
,,	16	5	Ci.-St., scud, St.-Cu.	—	—	Clr.	0	2	—	0	Long line of scud to N moving in a NE direction.
,,	18	5	St., St.-Cu., scud	SE	W	Clr.	0	2	—	0	Fine sun-dogs.
,,	20	4	St., Nb., scud. haze, Nb.	SE	—	Obs.	0	$\frac{1}{2}$	—	0	
2	8	7	St., Ci.-Cu., Ci.-St., scud	S	SE	Obs.	0	0	—	0	
,,	10	10	Nb., haze	—	—	Obs.	S. slt. spic.	0	—	0	Sun just showing.
,,	12	10	Nb.	—	—	Obs.	0	0	—	0	Sun just showing.
,,	14	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Sun just showing.
,,	16	10	Nb.	—	—	Obs.	S. spic. gran.	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	20	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	22	10	—	—	—	Obs.	S. slt. gran.	0	—	0	Noise behind C. Adare.
3	8	9	Nb.	—	—	Clr.	0	0	—	0	
,,	10	9	St., haze	—	—	Clr.	0	0	—	0	
,,	12	9	St., St.-Cu., haze	—	—	Clr.	0	2	—	0	22° halo round moon.
,,	14	7	St., haze Scud, Nb.	—	—	Clr.	0	2	—	0	
,,	16	6	St., scud, Ci.-St.	—	—	Clr.	0	2	—	0	
,,	18	2	St., Ci.-St.	—	—	Clr.	0	2	—	0	
,,	20	1	A.-St.	—	—	Clr.	0	0	—	0	Prismatic sky to NW.
4	8	4	St., Nb., scud	—	—	Clr.	0	0	—	0	
				Away from winter quarters till 14th.							

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
October, 1911.											
14	8	10	Nb.	—	—	Obs.	—	0	—	Hc.	Lulls in wind at intervals.
,,	12	10	Nb.	—	—	Obs.	—	0	—	Hc.	
,,	16	8	Nb.	—	—	Obs.	—	$\frac{1}{2}$	—	Hc.	Clear to W.
,,	20	10	Nb.	—	—	Obs.	—	1	—	0	Wind easing.
15	8	5	St.-Cu., Nb.	—	—	$\frac{1}{2}$ Obs.	—	$\frac{1}{2}$	—	—	Clear to N and W.
,,	10	4	Ci.-St., St.-Cu., Nb	—	—	$\frac{1}{2}$ Obs.	—	$\frac{1}{2}$	—	—	Hills to S and W obscured by Nb.
,,	12	4	A.-St., St., Nb.	—	—	Clr.	0	2	—	0	Clear to E.
,,	14	4	A.-St., St., Nb.	—	—	Clr.	0	2	—	0	Nb. to SW and W, hills obscured.
,,	16	2	A.-St., Cu., Nb.	—	—	Clr.	0	2	—	0	Nb. to SW and W, hills obscured.
,,	18	2	St., Nb.	—	—	Clr.	0	2	—	0	Drift moving off hills to S.
,,	20	1	St., Nb.	—	—	$\frac{1}{2}$ Obs.	0	1	—	0	Red sky to S.
,,	22	8	St., Nb.	—	—	$\frac{1}{2}$ Obs.	0	0	—	0	Thick clouds of drift moving over Newnes glacier.
16	8	10	Nb.	—	—	Obs.	0	0	—	0	Sun just visible.
,,	10	10	Nb.	—	—	Obs.	0	0	—	0	
,,	12	10	Nb.	—	—	$\frac{1}{2}$ Obs.	0	0	—	0	
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Hills to S and W obscured.
,,	16	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S. spic.	0	—	0	
,,	20	10	Nb.	—	—	Obs.	S. spic.	0	—	Low	
17	6	8	St.-Cu., Cu., Nb.	—	NNW	Obs.	S. spic.	0	—	0	Very thick to SE.
,,	8	7	Cu., Nb.	—	NNW	Obs.	0	$\frac{1}{6}$	—	0	Thick to SE. Clear to N and W.
,,	10	6	St.-Cu., Cu., Nb.	—	NNW	$\frac{1}{2}$ Obs.	0	0	—	0	Nb. on top of C. Adare. Cu. to W.
,,	12	9	St., Cu., Nb.	—	—	$\frac{1}{2}$ Obs.	0	$\frac{1}{2}$	—	0	Clear to W and S. Break in clouds to N.
,,	14	10	Cu., Nb.	—	—	Obs.	S. spic.	0	—	0	Cu. to N.
,,	16	10	Nb.	—	—	Obs.	S. gran.	0	—	0	Very thick to SE.
,,	18	10	Nb.	—	—	Obs.	S. gran.	0	—	0	Drift coming off top of C. Adare.

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October, 1911.											
17	20	10	Nb.	—	—	Obs.	S. gran.	0	—	He.	Heavy drift. C. Adare obscured.
,,	22	9	Cu., Nb., scud	—	SE	Obs.	S. gran.	0	—	0	Wind easing a little. Clearing to SE.
18	8	6	Cu., Nb.	—	—	½ Obs.	0	0	—	0	Sun just visible through haze.
,,	10	9	Nb.	—	—	Obs.	0	0	—	0	Clearing to N.
,,	12	9	Cu., St., Nb.	—	—	Obs.	S. spic.	½	—	0	Clear blue sky to W. Sun shining through haze.
,,	14	9	Cu., Nb.	—	—	Obs.	0	1	—	0	Nb. clearing. Clear to W and NW.
,,	16	9	Cu., Nb.	—	—	½ Obs.	0	½	—	0	Clear to W.
,,	18	8	St., Cu.	—	—	Obs.	0	0	—	0	Clear to W.
,,	20	8	St., Cu., scud	—	SSE	Obs.	0	⅓	—	0	Prismatic sky W.
,,	22	5	Cu., Nb.	—	—	Obs.	0	0	—	0	Heavy Cu. to S and SE. Clear in zenith.
19	8	10	St., Cu., Nb.	—	—	Obs.	0	0	—	0	Very thick Nb. to SE.
,,	10	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Very thick Nb. to SE.
,,	12	10	Nb.	—	—	Obs.	0	1	—	0	Sun just shining through haze.
,,	14	9½	Cu., Nb.	—	—	Obs.	0	1	—	0	Clear to W.
,,	16	—	—	—	—	—	—	—	—	—	
,,	18	10	St., Nb.	—	—	Obs.	0	0	—	0	St. to NW.
,,	20	9	Nb.	—	—	Obs.	0	0	—	0	Clear to SW.
,,	22	9½	Nb.	—	—	Clr.	0	0	—	0	Clear to SW.
20	8	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Very thick to SE.
,,	10	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun just shining through haze. Hills to S and W obscured.
,,	12	10	Nb.	—	—	Obs.	0	1	—	0	Very thick Nb. on top of C. Adare. Sun visible through haze.
,,	14	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Very thick Nb. on top of C. Adare. Sun visible through haze.
,,	16	10	Nb.	—	—	Obs.	S. spic.	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun shining through mist.
,,	20	2	Nb.	—	—	½ Obs.	S. slt. spic.	0	—	0	
,,	22	5	St., Cu.	—	—	Clr.	0	0	—	0	

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October, 1911.											
21	8	9	St., Nb.	—	—	Clr.	0	0	—	0	
,,	10	9½	St., Nb.	—	—	Clr.	S. slt. gran.	0	—	0	
,,	12	—	—	—	—	—	—	—	—	—	
,,	14	9	Nb., St.	—	—	Clr.	0	0	—	0	
,,	16	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Thickened a good deal.
,,	18	9	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Clear patch in W.
,,	20	9	St., Nb.	—	—	Obs.	0	0	—	0	Clearing NW and W.
,,	22	9	St., Nb.	—	—	½ Obs.	0	0	—	0	Clearing NW and W.
22	8	4	St., scud, St.-Cu.	—	NW	Clr.	0	1¼	—	0	Clouds round C. Adare and on N horizon.
,,	10	2	St., scud. St.-Cu.	—	NW	Clr.	0	2	—	0	Clouds moving very fast.
,,	12	1	St., scud, St.-Cu.	—	NW	Clr.	0	2	—	0	Low St. clouds over Newnes glacier.
,,	14	7	St., scud, St.-Cu.	—	NW	Clr.	0	2	—	0	Low St. clouds over Newnes glacier, and to W of Dugdale.
,,	16	3	St., scud., St.-Cu.	—	NW	Clr.	0	2	—	0	Low St. clouds over Newnes glacier and to W of Dugdale.
,,	18	1	St.-Cu., St.	—	—	½ Obs.	0	2	—	0	St. and St.-Cu. N to WNW and SE to SSW.
,,	20	9	St., St.-Cu., Nb.	—	—	Obs.	S. slt. gran.	1¼	—	0	Clear to W.
,,	22	9	St.-Cu., Nb.	—	—	Obs.	S. slt. spic.	—	—	0	Thick mist on top of C. Adare and at northern end.
23	8	9½	St., Nb.	—	—	Obs.	0	0	—	0	
,,	10	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Very thick to S.
,,	12	10	Nb., haze	—	—	Obs.	S. slt. gran.	0	—	0	Very thick to S.
,,	14	10	St., Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Very thick to S and E.
,,	16	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Very thick to S and E.
,,	18	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Very thick to S and E.
,,	20	10	Nb.	—	—	Obs.	S. gran.	0	—	0	Very thick to S and E.
,,	22	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Very thick to S and E.
24	8	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	10	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	Low	Drift moving along top and coming off end of C. Adare.

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October, 1911.											
24	12	10	St., Nb.	—	—	Obs.	0	0	—	0	Clearing to W.
,,	14	10	Nb.	—	—	Obs.	0	0	—	0	Clearing to W.
,,	16	10	Nb.	—	—	Obs.	S. gran.	0	—	0	Sun just visible.
,,	18	10	Nb.	—	—	Obs.	S. gran.	0	—	0	
,,	20	7	Scud, Ci.-St.	N	—	Obs.	S. spic.	0	—	0	
,,	22	2	St.-Cu., scud.	—	—	Obs.	0	0	—	0	
25	8	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Spicular snow, with a tendency to fall in flakes.
,,	10	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Very thick. Clouds of snow coming off Cape to SE.
,,	12	10	Nb.	—	—	Obs.	S. spic.	0	—	0	
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
,,	16	10	Nb.	—	—	Obs.	0	0	—	0	
,,	18	9½	St., Nb.	—	—	Obs.	0	0	—	0	Clearing to N.
,,	20	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Snow grains size of pin's head.
,,	22	8	St., Nb.	—	—	Obs.	0	0	—	0	
26	8	1	St., St.-Cu.	—	—	Clr.	0	1½	—	0	Clouds to N.
,,	10	3	St., St.-Cu.	—	—	Clr.	0	2	—	0	Clouds spreading to N.
,,	12	5	A.-St., St., haze	—	—	Clr.	0	2	—	0	A.-St. SE and NW.
,,	14	6	A.-St., St., haze	—	—	Clr.	0	2	—	0	A.-St. SE and NW.
,,	16	4	Ci.-St., St.-Cu., haze	—	—	Clr.	0	2	—	0	
,,	18	1	Cu., Ci.-St., St.	—	—	½ Obs.	0	2	—	0	St. to S., Cu. and Ci.-St. to N.
,,	20	½	St.-Cu., St.	—	—	Clr.	0	1½	—	0	
,,	22	2	St.-Cu., A.-St.	—	—	Clr.	0	—	—	0	Driving snow on S end of C. Adare.
27	8	1	Haze, Ci.-St., A.-St.	—	—	Clr.	0	1½	—	0	A.-St. and Ci.-St. radiant point NNW.
,,	10	2	Haze, Ci.-St., St.	—	—	½ Obs.	0	2	—	0	Ci.-St. radiant points SE and NNW.
,,	12	2	Ci., St., Nb.	—	—	½ Obs.	0	2	—	Low	Low mist across bay.
,,	14	1	Ci.-St., haze	—	—	Obs.	0	2	—	0	Haze to N.

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October, 1911.											
27	16	3	Haze, Cu.	—	—	Clr.	0	2	—	0	Clouds to W. Haze to S.
,,	18	9	St., Nb.	—	NW	Clr.	0	$1\frac{1}{2}$	—	0	Clouding over.
,,	20	$9\frac{1}{2}$	St., Nb.	—	—	Clr.	0	0	—	0	Clear SSE.
,,	22	$9\frac{3}{1}$	St., Nb.	—	—	Clr.	0	0	—	0	Clear over Newnes glacier.
28	8	9	St., Nb.	—	—	Obs.	0	$\frac{1}{4}$	—	0	Sun shining through haze.
,,	10	4	A.-St., haze, scud, St.-Cu.	—	W	Clr.	0	2	—	0	Clouds moving rapidly from W.
,,	12	8	Scud, Cu., St.-Cu.	—	W	Clr.	0	0	—	0	Sun shining through haze.
,,	14	8	A.-St., scud, Nb.	—	—	Clr.	0	0	—	0	
,,	16	$9\frac{1}{2}$	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	18	$9\frac{1}{2}$	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	View of mountains clear.
,,	20	8	A.-St., Scud, Nb., St.-Cu.	—	W	$\frac{1}{2}$ Obs.	0	0	—	0	Newnes glacier obscured.
,,	22	7	Scud, Nb., St.-Cu.	—	—	$\frac{1}{2}$ Obs.	0	0	—	0	Newnes glacier obscured.
29	8	8	Ci.-Cu., A.-St., Scud, St.-Cu.	—	WNW	Clr.	0	0	—	0	
,,	10	9	Scud, Nb., St.-Cu.	—	W	Clr.	0	$\frac{3}{4}$	—	0	
,,	12	7	Ci.-Cu., scud, St.-Cu.	W by N	NW	Clr.	0	—	—	—	
,,	14	4	Scud, St., St.-Cu.	—	WNW	Clr.	0	$1\frac{3}{4}$	—	—	
,,	16	3	St., Cu.	—	NW	Clr.	0	2	—	—	
,,	18	2	Cu., Nb., haze	—	NW	Clr.	0	2	—	—	
,,	20	1	A.-St., scud, St.-Cu.	—	NW	$\frac{1}{2}$ Obs.	0	$1\frac{1}{2}$	—	—	Newnes glacier partly obscured.
,,	22	1	St.-Cu.	—	-	Clr.	0	0	—	—	Roll Cu. in N. : St. in S.
30	8	9	Nb.	—	—	Clr.	S. slt. spic.	0	—	—	Nb. on C. Adare. Clear S.
,,	10	10	Nb., St.	—	—	Clr.	S. slt. spic.	0	—	—	Small patch of blue sky to S.
,,	12	10	Scud, Nb., St.	—	—	Clr.	0	0	—	—	
,,	14	10	Nb.	—	—	Cir.	S. slt. spic.	0	—	—	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
October, 1911.											
30	16	9	Nb., St.-Cu.	—	—	½ Obs.	0	0	—	—	Newnes glacier obscured.
..	18	6	Ci.-Cu., Nb, St.-Cu.	—	—	½ Obs.	0	¼	—	—	
..	20	2	St., Nb., St.-Cu.	—	W	½ Obs.	0	2	—	—	
..	22	1	A.-St., Nb., St.-Cu.	—	ESE	½ Obs.	0	0	—	—	
31	8	0	—	—	—	Clr.	—	2	—	—	
..	10	1	St., scud	—	S	Clr.	—	2	—	—	
..	12	1½	St., scud, St.-Cu.	—	S	Clr.	—	2	—	—	
..	14	½	Cu., St.-Cu.	—	—	Clr.	0	2	—	—	
..	16	½	Cu., St.-Cu.	—	—	Clr.	0	2	—	—	
..	18	½	St., Cu., St.-Cu.	—	—	Clr.	0	2	—	—	Sun shining on terrestrial radiation thermometer.
..	20	1	St.-Cu.	—	—	Clr.	0	1½	—	—	
..	22	1	St., St.-Cu.	—	—	Clr.	0	0	—	—	
November, 1911.											
1	8	1	St.-Cu.	—	—	Clr.	0	2	—	—	
..	10	½	St., Cu., St.-Cu.	—	—	Clr.	0	2	—	—	
..	12	½	St.-Cu.	—	—	Clr.	0	2	—	—	
..	14	1	Cu., St.-Cu.	—	—	Clr.	0	2	—	—	
..	16	½	St., St.-Cu.	—	—	Clr.	0	2	—	—	
..	18	½	St.-Cu., scud.	—	—	Clr.	0	2	—	—	Scud or mist on top of Warning and Newnes glaciers.
..	20	½	St., Cu., St.-Cu.	—	—	Clr.	0	1⅝	—	—	Heavy Cu. over.
..	22	4	Cu.-St., Nb.	E	E	½ Obs.	0	0	—	—	
2	8	10	Nb.	—	—	Obs.	0	0	—	Slt.	Sun shining feebly through Nb. haze.
..	10	10	Nb.	—	—	Obs.	0	0	—	Slt.	Sun shining feebly through Nb. haze.
..	12	10	Nb.	—	—	Obs.	0	0	—	Thick	No sun.
..	14	10	Nb.	—	—	Obs.	0	0	—	Thick	Very dark to N.
..	16	10	Nb.	—	—	Obs.	0	0	—	Slt.	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
2	18	10	Nb.	—	—	Obs.	0	0	—	Slt.	Terrestrial radiation thermometer snowed up.
,,	20	10	Nb.	—	—	Obs.	0	0	—	Slt.	Open water sky to N.
,,	22	10	Nb.	—	—	Obs.	0	0	—	Slt.	Mountains to S just visible.
3	8	5	Nb., haze	—	—	Clr.	0	1	—	0	
,,	12	3	Haze, Cu., St.	—	—	Clr.	0	2	—	0	22° halo.
,,	14	2	Haze, Cu.	—	—	Clr.	0	—	—	0	Sun shining through haze.
,,	16	6	Nb., haze, Ci.-St.	—	—	Clr.	0	2	—	0	Sun shining through haze.
,,	18	8	Nb., St., haze	—	—	Clr.	0	2	—	0	Sun shining through haze part of time.
,,	20	6	St., haze	—	—	Clr.	0	2	—	0	Sun shining through haze part of time.
,,	22	5	St.-Ci., haze	—	—	Clr.	0	0	—	0	Moon shining through haze.
4	8	8	Ci., St., haze	—	NW	Clr.	0	—	—	0	Sun shining through haze.
,,	10	8	St., Nb. haze	—	—	Clr.	0	2	—	0	Sun shining through haze.
,,	12	5	St., haze	—	—	Clr.	0	2	—	0	22° halo.
,,	14	8	St., Nb., haze	—	NNW	Clr.	0	2	—	0	22° halo.
,,	16	8	St., Ci. Nb., haze	—	—	Clr.	0	1	—	0	Clear sun one hour; through haze one hour.
,,	18	7	St., Ci. St.-Cu.	—	—	½ obs.	0	2	—	0	Halo around sun.
,,	20	5	Haze, St. A.-St., Ci.-St.	—	—	Clr.	0	2	—	0	Radiant point SW and S and N.
,,	22	5	St., Ci., St.-Cu.	—	—	Clr.	0	0	—	0	
5	8	10	Nb., haze	—	—	½ obs.	0	0	—	Drift	Drift coming off Newnes glacier.
,,	10	10	Nb., haze	—	—	½ obs.	0	0	—	0	
,,	12	9½	Nb., haze	—	—	Clr.	0	0	—	0	Clouds breaking to SE and zenith.
,,	14	10	Nb., haze	—	—	Clr.	0	0	—	0	
,,	16	10	Nb., haze	—	—	Clr.	0	0	—	0	
,,	18	9½	Nb., haze	—	—	Clr.	0	0	—	0	
,,	20	9½	St.	—	—	Clr.	0	0	—	0	Clear to S and W.
,,	22	9	—	—	—	Clr.	0	0	—	0	Very fine sunset.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
6	8	0	—	—	—	Clr.	0	2	—	0	Minimum thermometer in sun.
,,	10	1	St., Cu.	—	—	Clr.	0	2	—	0	St.-Cu. N to NW.
,,	16	¼	St., Scud	—	—	Clr.	0	6	—	0	
,,	18	¼	Scud	—	—	Clr.	0	2	—	0	Scud SE and C. Adare.
,,	20	0	—	—	—	Clr.	0	2	—	0	
7	8	¼	St., Cu.	—	SE	Clr.	0	2	—	0	Clouds to N.
,,	10	¼	Ci.-St., Cu.	—	—	Clr.	0	2	—	0	
,,	12	½	Nb., Cu.	—	—	Clr.	0	2	—	0	
,,	14	1	Nb., St.-Cu., Cu.	—	—	Clr.	0	2	—	0	
,,	16	1½	Cu., Scud. St.-Cu.	—	SE	Clr.	0	2	—	0	Heavy Cu. on C. Adare.
,,	18	1	Scud, St.-Cu.	—	SE	Clr.	0	2	—	0	Scud over C. Adare.
,,	20	1	Scud., St. St.-Cu.	—	SE	Clr.	0	2	—	0	Prismatic sky to N.
,,	22	1	Scud, St.-Cu.	—	SE	Clr.	0	1¼	—	0	
8	8	9	—	—	—	Obs.	0	0	—	0	
,,	10	9	Nb., Cu., St.	—	SSE	Obs.	0	0	—	0	Sun just visible.
,,	12	9½	Cu., Nb., St.	—	SSE	Obs.	0	0	—	0	
,,	14	9	Nb., Cu.	—	—	Obs.	0	0	—	0	Heavy Nb. on C. Adare.
,,	16	9½	Cu., Nb.	—	—	½ obs.	0	¾	—	0	
,,	18	9¾	Nb., St.	—	—	Obs.	0	¼	—	0	Clear to SW. Open water sky to NW.
,,	20	9½	Nb., Ci.-St., St.	—	—	Obs.	S. spic. stars	0	—	0	
9	8	5	Cu., St. Nb.	—	—	Clr.	0	2	—	0	
,,	14	5	St.-Cu., Ci.-St., Nb.-Cu.	—	—	Clr.	0	6	—	0	
,,	16	7	Ci.-St., Nb., Cu.	—	—	½ obs.	0	1½	—	0	Heavy Nb. over C. Adare.
,,	18	7	St.-Cu., St.	—	—	Clr.	0	2	—	0	Lines of St. over Warning glacier.
,,	20	3	Ci.-St., A.-St., Cu.	—	—	Clr.	0	2	—	0	
,,	22	2	St.-Cu., St., Scud.	—	—	Clr.	0	1½	—	0	St. radiant points SE and NW.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
10	8	9½	Cu., Nb., St.-Cu.	—	—	Clr.	S. slt. gran.	0	—	0	
,,	10	9½	Cu., Nb., St.	—	—	½ obs.	S. slt. gran.	0	—	0	Clearing to SE and zenith.
,,	12	9	Nb., St., Cu.	—	—	Clr.	0	0	—	0	Clear to SE.
,,	14	9½	Nb., Cu., St.	—	—	Clr.	0	0	—	0	Heavy Nb. on C. Adare.
,,	16	9½	St., Nb., Cu.	—	—	Clr.	S.	0	—	0	Snow falling in the shape of six-pointed stars.
,,	18	9	St., Cu., Nb.	—	—	Clr.	S. slt.	0	—	0	Heavy Nb. on C. Adare.
,,	20	8	Nb., Cu., St.	—	—	Clr.	S.	0	—	0	Light fall of snow.
11	8	9½	Nb., Cu., St.	—	SE	Obs.	S. slt.	0	—	0	Large spicules and stars of snow falling in small quantity.
,,	10	10	Nb., St.	—	SE	Obs.	S. slt.	0	—	0	Large spicules and stars of snow falling in small quantity. St. to N.
,,	12	9¾	Nb., Cu., St.	—	Nb. SE.	Obs.	S. slt.	0	—	0	Stars of snow very much smaller. Clearing to S.
,,	14	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	Clouds breaking to SW.
,,	16	9	Nb., Cu., St.	—	—	Obs.	S. slt.	0	—	0	
,,	18	10	Nb.	—	—	Obs.	S. he. gran.	0	—	0	Overcast, with heavy snow falling.
,,	20	10	Nb.	—	—	Obs.	S. gran.	0	—	0	Granular snow, with small stars.
,,	22	10	Nb.	—	—	Obs.	S. gran. spic.	0	—	0	Spicular and granular snow falling.
12	8	7	Ci.-St., St., Nb.	—	—	½ obs.	0	1½	—	—	
,,	10	7	Nb., Cu., St.	—	—	Clr.	0	2	—	—	
,,	12	5	Nb., Cu., St.-Cu.	—	—	½ obs.	0	2	—	—	
,,	14	9	Nb., St.-Cu., St.	—	—	½ obs.	0	2	—	—	Sun shining through haze
,,	16	6	Nb., Cu.	—	—	Obs.	0	2	—	—	
,,	18	8	Ci.-Cu., St., Nb.	—	—	½ obs.	0	1	—	—	
,,	20	4	Ci.-St., A.-St., Cu.	—	—	Clr.	0	2	—	—	Heavy Nb. to S.
,,	22	2	Scud, Ci.-St., St.-Cu.	—	—	Clr.	0	1½	—	—	St. radiant point SE.
13	8	5	Ci.-St., A.-St., Cu.	—	—	Clr.	0	2	—	0	
,,	10	6	A.-St., Cu.-St., Nb.	—	—	Clr.	0	2	—	0	Nb. on hills to S.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
13	12	3	A.-St., St., Nb.		—	Clr.	0	2	—	0	
,,	14	2	Ci.-St., A.-St., St.	—	—	Clr.	0	2	—	—	
,,	16	2	St.-Cu., Ci.-St., A.-St.	—	—	Clr.	0	2	—	—	
,,	18	5	St.-Cu., St., A.-St.	—	—	Clr.	0	2	—	—	
,,	20	4	A.-St., Ci.-St., Cu.-Nb	—	—	Clr.	0	2	—	—	Nb. over Newnes glacier. Light St. top of Minto. Sun shining on terrestrial Radiation thermometer.
,,	22	4	Cu., A.-St., St.	—	—	Clr.	0	1¾	—	—	
14	8	5	Nb., Ci.-St., Cu.	—	—	Clr.	0	2	—	—	Nb. over hills to SE and E.
,,	10	8	Nb., haze, St.	—	—	Clr.	0	2		—	Sun shining through haze.
,,	12	9	Nb., haze. St.	—	—	Clr.	0	2	—	—	
,,	14	8	Nb., haze, St.-Cu.	—	—	Clr.	0	2	—	—	Newnes glacier obscured.
,,	16	9½	St.-Cu., Nb., haze	—	—	Obs.	0	1½	—	—	Sun obscured by Nb.
,,	18	9¾	St.-Cu., Nb., haze	—	—	Obs.	0	0	—	—	Very thick to SE.
,,	20	9¾	Nb., St.	—	—	Obs.	0	0	—	0	Break in clouds to SSW.
,,	22	9¾	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	
15	8	9¾	Nb.	—	—	Clr.	0	0	—	0	Clearing to SE. Newnes glacier obscured.
,,	10	9¾	Nb., St.	—	—	½ Obs.	0	0		0	Sun obscured by Nb.
,,	12	9¾	Nb., St.-Cu.	—	—	Clr.	0	0	—	0	Sun just visible.
,,	14	9¾	Nb., St.-Cu.	—	—	Clr.	0	0	—	0	Newnes glacier obscured.
,,	16	9	St., St.-Cu., Nb.	—	—	Clr.	0	0	—	0	Clearing to SE.
,,	18	8	St., St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Clearing to N and SSW.
,,	20	9	Scud, St.-Cu., Cu., Nb.	—	—	Obs.	0	0	—	0	Very thick over Newnes glacier.
,,	22	9	Scud., St.-Cu., Nb.	—	S	Obs.	0	0	—	0	
16	8	10	Nb., scud	—	SE	Obs.	S. spic.	0	—	0	Scud moving along on top of C. Adare from S.
,,	10	8½	Nb., scud, St.-Cu.	—	SSE	Clr.	0	¼		0	Nb. forming on C. Adare and moving from SSE.
,,	12	2	Cu., St., Ci.-Cu.	—	—	Clr.	0	2	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
16	14	1	Cu., A.-St., St.		—	Clr.	0	2		0	Heavy Cu. over C. Adare.
,,	18	1	St., Cu.	—	—	Clr.	0	2	—	0	St. over Newnes glacier.
,,	20	5	Nb., Cu., St.	—	ESE	½ Obs.	S. spic. star	2	—	0	Heavy Nb. SE end of C. Adare. Cu. N and behind Cape. Clear to S and SW.
,,	22	9	—	—	ESE	Clr.	S. slt. spic.	1		0	Nb. on cape moving from ESE.
17	8	10	Nb. St., Cu.	—	—	Clr.	0	0	—	0	
,,	10	10	Nb., Cu.	—	—	½ Obs.	0	0	—	0	Dark sky on horizon to W, probably open water sky.
,,	12	9	Nb., Cu., St.	—	—	Clr.	0	0	—	0	Heavy Nb. over C. Adare.
,,	14	10	St., Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	16	9	Nb., Cu.-St.	—	—	Obs.	S. spic.	0	—	0	
,,	18	9	Nb., Cu.-St.	—	—	Clr.	S. spic.	0	—	0	
,,	20	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	22	10	Nb.	—	—	Obs.	S. spic. eryst.	0	—	0	
18	8	10	Nb.			Obs.	S. slt. gran.	0	—	0	
,,	12	10	Nb.	—	—	½ Obs.	0	0	—	0	Heavy Nb. over C. Adare.
,,	14	9½	St., Nb.	—	—	½ Obs.	0	0	—	0	
,,	16	7	Cu., St.	—	—	Obs.	0	0	—	0	
,,	18	9	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	20	10	Nb., haze	—	—	Clr.	0	0		0	
19	8	3	Scud, St.-Cu., Cu.	—	ESE	Clr.	0	—		0	Sun shining faintly.
,,	10	1	Scud. St.-Cu.	—	ESE	Clr.	0	—	—	0	Sun shining faintly.
,,	12	1	Scud., Cu.	—	SE	Clr.	0		—	0	Sun shining faintly.
,,	14	2	St., scud	—	—	Clr.	0	—	—	0	
,,	16	3	St., scud	—	SE	Clr.	0	2	—	0	Cloud cap spreading from C. Adare.
,,	18	5	St., scud	—	SE	Clr.	0	—	—	0	
,,	20	4	Ci.-Cu., St., scud, Cu.	—	—	Clr.	0	—	—	0	
,,	22	5	St.-Cu., scud	—	SE	Clr.	0	1	—	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Direction from Upper.	Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
20	8	1	Cu., scud, St.	—	—	Clr.	0	2	—	0	
,,	10	1	Scud, St.	—	S	Clr.	0	2	—	0	
,,	12	1	Cu., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	14	1	St.-Cu., St., scud	—	—	Clr.	0	2	—	0	
,,	16	½	Cu.	—	—	Clr.	0	2	—	0	
,,	18	1	Scud, St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	20	½	Scud, St.	—	—	Clr.	0	2	—	0	
21	8	0	0	—	—	Clr.	0	2	—	0	
,,	10	0	0	—	—	Clr.	0	2	—	0	
,,	12	0	0	—	—	Clr.	0	2	—	0	
,,	14	¼	Scud	—	S	Clr.	0	2	—	0	
,,	16	½	St.	—	S	Clr.	0	2	—	0	
,,	18	1	St.	—	S	Clr.	0	2	—	0	
,,	20	1	St.	—	—	Clr.	0	2	—	0	
,,	22	2	Scud, Ci., St.	—	SSW	Clr.	0	2	—	0	
22	8	9	St., scud	—	—	Clr.	0	0	—	0	
,,	10	2	St., scud	—	SE	Clr.	0	½	—	0	
,,	12	5	Ci.-Cu., St.-Cu., St.	—	—	Clr.	0	1	—	0	
,,	14	9	St.-Cu., St., scud	—	—	Clr.	0	0	—	0	
,,	16	8	St., scud, Cu.	—	—	Clr.	0	0	—	0	
,,	18	9¾	St., scud, St.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	10	St., scud	—	SE	Clr.	0	0	—	0	
,,	22	10	St., scud, Nb.	—	—	Obs.	S. gran.	0	—	0	Nb. over C. Adare. Very thick to SE.
23	8	10	Nb.	—	—	Obs.	0	0	—	He.	
,,	10	10	Nb.	—	—	Obs.	0	0	—	He.	
,,	12	10	Nb.	—	—	Obs.	S. gran.	0	—	He.	
,,	14	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	He.	

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November, 1911.											
23	16	10	Nb.	—	—	Obs.	0	0	—	0	
,,	18	10	Nb.	—	—	Obs.	0	0	—	0	
,,	20	10	Nb.	—	—	Obs.	0	0	—	0	Sun just showing as a bright spot.
,,	22	10	Nb., Cu.	—	—	½ Obs.	0	0	—	0	Warning glacier visible.
24	8	7	St., Ci.-Cu., scud	—	—	½ Obs.	0	0	—	0	
,,	10	3	Ci.-Cu., St.	—	—	Clr.	0	1	—	0	Sunshine record blown out of the bowl.
,,	12	8	Ci.-Cu., St.	—	—	Clr.	0	2	—	0	
,,	14	7	Ci.-Cu., St., scud	—	S	Clr.	0	2	—	0	
,,	16	7	Ci.-Cu., St., scud	—	SW	½ Obs.	0	2	—	0	Newnes glacier obscure.
,,	18	9	St.-Cu.	—	—	½ Obs.	0	2	—	0	
,,	20	9½	St., Cu.	—	—	½ Obs.	0	2	—	0	Newnes glacier obscure.
,,	22	9	St., Cu.	—	—	½ Obs.	0	0	—	0	Newnes glacier obscure.
25	8	3	Scud, St.-Cu., Cu.	—	—	Clr.	0	2	—	0	
,,	10	3	Scud, St.	—	—	Clr.	0	1½	—	0	
,,	12	3	Scud, St.	—	—	Clr.	0	1½	—	0	
,,	14	3	Ci.-Cu., Scud, St.	—	—	Clr.	0	2	—	0	
,,	16	5	scud, St.	—	—	Clr.	0	2	—	0	Cloud spreading from C. Adare.
,,	18	6	Ci.-Cu., St.	—	—	Clr.	0	2	—	0	
,,	20	1	St., scud	—	—	Clr.	0	2	—	0	
,,	22	½	A.-St., scud, St.-Cu.	—	SSE	½ Obs.	0	1¼	—	0	Newnes glacier obscured by Cu.
26	8	1	Scud, St., St.-Cu.	—	SSE	Clr.	0	4	—	—	Upper part of Newnes glacier obscured by St.
,,	10	2	Scud, St., St.-Cu.	—	NW	Clr.	0	2	—	—	Clouds moving fast from NW.
,,	12	3	St.-Cu., St. Cu., scud	—	NW	Clr.	0	1	—	—	
,,	14	9	Nb.	—	—	½ Obs.	S. slt. cryst.	2	—	—	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
November, 1911.											
26	16	10	St.-Cu., Nb.	—	—	½ Obs.	S. cryst.	—	—	—	Bottom part of Warning Glacier just visible.
,,	18	8	Scud, St.-Cu.	—	NW	½ Obs.	0	1	—	—	Newnes glacier obscured.
,,	20	3	Ci.-St., scud, St.-Cu.	—	W	½ Obs.	0	2	—	—	Ci-St. radiating from W.
,,	22	3	Scud, St.-Cu.	—	W	Clr.	0	2	—	—	
27	8	9	St., Nb.	—	—	Clr.	0	0	—	—	
,,	10	10	St., Nb.	—	—	Clr.	0	0	—	—	
,,	12	9	St.-Cu., St.	—	—	Clr.	0	0	—	—	St. SE over glacier.
,,	14	9	St.-Cu., St.	—	—	Clr.	0	0	—	0	Clear to S and SW.
,,	16	9	Haze, St.-Cu., scud, St.	—	—	Clr.	0	0	—	0	22° halo. Sun shining through haze.
,,	18	7	Scud, St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	20	4	St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	22	5	Ci.-St., St.-Cu.	—	—	Clr.	—	0	—	0	
28	8	10	St., St.-Cu., Cu.	—	—	—	0	0	—	0	
,,	10	9½	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	12	9	St.-Cu., St., Nb.	—	—	Clr.	0	0	—	0	
,,	14	10	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	16	9½	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	18	9½	St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	20	9½	St.-Cu., Ci.-St., Nb., St.	—	—	Clr.	0	0	—	0	
,,	22	9½	St.-Cu., Cu., Nb.	—	—	Clr.	0	0	—	0	Snow-fog on top of C. Adare.
29	8	10	Cu., St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	10	10	Cu., St.-Cu., Nb.	—	—	Clr.	0	0	—	0	
,,	12	9	Nb., St., Cu.	—	—	Clr.	0	0	—	0	
,,	14	10	Nb., St., St.-Cu.	—	—	Clr.	0	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation.)	Aurora.	Drift.	Remarks.
November, 1911.											
29	16	10	Nb., St., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	18	10	Nb., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	20	10	Scud, St.-Cu., Cu., St.	—	—	Clr.	0	0	—	0	
,,	22	10	St.-Cu.	—	—	Clr.	0	0	—	0	
30	8	10	St.-Cu., Nb.	—	—	½ Obs.	S. slt. gran.	0	—	0	Newnes glacier clear.
,,	10	10	St.-Cu., Nb.	—	—	½ Obs.	0	0	—	0	Newnes glacier clear.
,,	12	10	Cu., Nb.	—	—	½ Obs.	S. slt. gran.	0	—	0	
,,	14	10	Nb.	—	—	½ Obs.	S. slt. gran.	0	—	0	
,,	16	9¾	Nb., scud, St.-Cu.	—	—	Clr.	0	0	—	0	
,,	18	9½	Nb., St.-Cu.	—	—	Clr.	0	0	—	0	Heavy low clouds over S. end of C. Adare.
,,	20	9½	St., Ci.-Cu., scud.	—	—	Clr.	0	0	—	0	Clearing to S. and N.
,,	22	9½	St., Nb., St.-Cu., scud	—	SSE	Clr.	0	0	—	0	Scud over S end of C. Adare.
December, 1911.											
1	8	9½	Cu.-St., Scud, Nb.	—	—	Clr.	0	0	—	0	
,,	10	10	Cu.-Nb., St.-Cu. scud	—	—	Clr.	S. slt. gran.	0	—	0	
,,	12	10	Nb., St.-Cu.	—	—	Clr.	0	0	—	0	
,,	14	10	Nb.-St., St.-Cu., scud	—	—	Clr.	0	0	—	0	
,,	16	10	Nb.-St., Ci.-Cu., St.-Cu.	—	—	Clr.	0	0	—	0	Heavy clouds against S end of C. Adare.
,,	18	10	St.-Cu., scud, Nb., St.	—	—	Clr.	0	0	—	0	
,,	20	9½	St.-Cu., St., scud	—	—	Clr.	0	0	—	0	Clouds formed themselves in a radiant from NW.
,,	22	9½	St., Nb., scud, St.-Cu.	—	—	Clr.	0	0	—	0	Scud on top of C. Adare.
2	8	4	St.-Cu.	—	—	Clr.	0	2	—	0	
,,	10	2	St., scud	—	—	Clr.	0	2	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
2	12	3	St., scud, St.-Cu.		NW	Clr.	0	2	—	0	Scud forming a little NW of zenith and moving rapidly from NW.
,,	14	3	St., scud	—	NW	Clr.	0	2	—	0	
,,	16	2	St., Cu., scud	—	NW	Clr.	0	2	—	0	Cloud cap forming S end of C. Adare.
,,	18	3	Scud, St.-Cu.	—	NW	Clr.	0	2	—	0	Cloud cap forming S end of C. Adare.
,,	20	8	Scud, St., Ci.-Cu.	—	—	Clr.	0	2	—	0	
,,	22	8	Scud, St., St.-Cu.	—	—	Clr.	0	2	—	0	
3	8	8	Nb., Cu.	—	—	Clr.	0	0	—	0	Heavy bank of cloud to S.
,,	10	9	Nb., St., St.-Cu.	—	—	Clr.	S. slt. gran.	0	—	0	Glaciers blotted out by snow cloud.
,,	12	10	Nb., Cu., St.	—	—	Clr.	S. slt. gran.	0	—	0	Three snow squalls to W, NW, and N.
,,	14	9¾	Nb., St., St.-Cu., scud	—	—	Clr.	S. slt. gran.	0	—	0	Snow squall to WNW.
,,	16	7	St.,St.-Cu., Ci.-Cu.	—	—	½ Obs.	0	2	—	0	
,,	18	9	St., St.-Cu.	NW	SE	½ Obs.	0	2	—	0	Newnes glacier obscured.
,,	20	9	St., Nb., scud	—	—	½ Obs.	0	0	—	0	
,,	22	7	Scud, Nb., St.	—	ESE	Obs.	0	—	—	0	Sun shining in S.
4	8	1	St., scud.	—	S	½ Obs.	0	2	—	0	
,,	10	3	St., scud Ci.-Cu.	—	SE	Obs.	0	1½	—	0	Clouding over a little from SE.
,,	12	4	St., Ci.-Cu.	—	—	Clr.	0	1½	—	0	Clouds light and spreading from C. Adare.
,,	14	6	Ci.-Cu., St., scud	NW	SE	Clr.	0	2	—	0	
,,	16	2	Ci.-Cu., St.	—	—	Clr.	0	2	—	0	
,,	18	1	Scud, St.	—	SW	Clr.	0	2	—	0	
,,	20	1	Scud, St.	—	SW	Clr.	0	2	—	0	
,,	22	2	St., St.-Cu., scud	—	WNW	Clr.	0	1½	—	0	
5	8	8	St., Nb.	—	—	Clr.	S. slt. gran.	0	—	0	
,,	10	9	St.-Cu., Ci.-Cu.	—	—	Obs.	S. slt. gran.	0	—	0	Heavy cloud cap on C. Adare. Glaciers obscured by snow cloud.
,,	12	1	St.-Cu., scud	—	—	Obs.	0	1	—	0	Heavy cloud cap on C. Adare. Glaciers obscured by snow cloud.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Direction from Upper.	Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
5	14	3	St.-Cu., scud	—	—	Clr.	0	2	—	0	
,,	16	1	St.-Cu., scud	—	—	Clr.	0	2	—	0	Cloud cap behind C. Adare.
,,	18	½	St., St.-Cu., scud	—	—	Clr.	0	2	—	0	
,,	20	¼	Scud	—	—	Clr.	0	2	—	0	
,,	22	1	Cu., scud	—	ESE	Clr.	0	2	—	0	Heavy clouds coming low over C. Adare from ESE.
6	8	9	St., St.-Cu., scud	—	—	Clr.	0	0	—	0	Heavy cloud cap on C. Adare.
,,	10	5	Ci.-Cu., St., Nb.	—	—	Clr.	0	1½	—	0	
,,	12	9	St., scud. Nb.	—	—	Clr.	0	0	—	0	
,,	14	9	St., Cu., scud	—	NW	Clr.	0	0	—	0	
,,	16	9½	St., Nb., Cu., scud	—	—	Clr.	0	0	—	0	
,,	18	8	Nb., Cu., scud	—	—	Clr.	0	0	—	0	
,,	20	7	Nb., St., Cu., scud	—	—	Clr.	0	¼	—	0	
,,	22	3	Scud, Nb., St.-Cu.	S	N	Clr.	0	2	—	0	Scud moving from N and S. rapidly from N.
7	8	3	Ci.-Cu., scud, St.	- -	—	Clr.	0	2	—	0	
,,	10	2	Ci.-Cu., St.	- -	SW	Clr.	0	2	—	0	
,,	12	1	St., scud	- -	—	Clr.	0	2	—	0	
,,	14	3	Ci.-Cu., St.	-	N	Clr.	0	2	—	0	
,,	16	2	St., Ci.-Cu.	-		Clr.	0	2	—	0	WNW radiant.
,,	18	6	St., scud, Ci.-Cu.	—	—	Clr.	0	2	—	0	
,,	20	8	St.-Cu., Cu., A.-St.	—	—	Clr.	0	0	—	0	Radiants A.-St., St., and St.-Cu., NW.
,,	22	7	Ci.-Cu., St.	—	—	Clr.	0	2	—	0	
,,	24	10	Nb.	—	—	Clr.	0	0	—	0	Noise of pressure to N.
8	2	10	Nb.		—	Obs.	S. slt. spic.	0	-	0	
,,	4	10	Nb.	—	—	Obs.	S. cryst.	0	—	0	Noise of pressure NW.
,,	6	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Roaring noise to N.
,,	8	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	Slt.	Drift off cape.
,,	10	10	Nb.	—	—	Obs.	0	0	—	0	Sun just indicated through cloud.

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
8	12	10	Scud, Nb.	—	—	Obs.	S. spic. flakes	0	—	0	Alternate WNW and ESE gusts. Drift moving fast over sea-ice to S.
,,	14	10	Nb.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	16	10	Nb.	—	—	Obs.	S. spic. cryst.	0	—	0	Snow in large flakes of spicules and immature crystals.
,,	18	10	Nb.			Obs.	S. hc. cryst.	0		0	Snow, heavy and crystalline.
,,	20	10	Scud, Nb.	—		Obs.	S and R	0	—	0	Flakes of spicules, and rain.
,,	22	10	Nb.	—		Obs.	Sleet	0	—	0	Large flakes of wet snow.
9	8	9¾	Nb., St.-Cu.	—	—	Obs.	0	0	—	0	A little strip of blue sky to W.
,,	10	9	Nb., St., scud	-		Obs.	0	¼	—	0	Sun breaking through, clouds dispersing.
,,	12	4	St., scud	NW	SE	Clr.	0	2	—	0	
,,	14	7	Ci.-Cu. St., scud	—	SE	Clr.	0	2	—	0	
,,	16	8	Ci.-Cu., St., scud	—	—	Clr.	0	?	—	0	
,,	18	5	St., scud	NW	SE	Clr.	0	2	—	0	Sun shining through haze.
,,	20	2	St., scud	—	SE	Clr.	0	2	—	0	
,,	22	4	St., scud, St.-Cu.	—	SE	½ Obs.	0	1½	—	0	Newnes glacier obscured by St. whale-backed clouds to S.
10	8	10	Nb.	- -	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
,,	10	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	C. Adare shrouded in dense fog.
,,	12	10	Nb.	—	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
,,	14	10	Nb.	—	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
,,	16	10	Nb.	—	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
,,	18	10	Nb.	—	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
,,	20	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	C. Adare shrouded in dense fog.
,,	22	10	Nb.	—	—	Obs.	0	0	—	0	C. Adare shrouded in dense fog.
11	8	¼	St.	—	—	Clr.	0	2	—	0	Cleared after SE breeze.
,,	10	¼	A.-St.	—	—	Clr.	0	2	—	0	Fog cleared completely.
,,	12	½	A.-St.	—	—	Clr.	0	2	—	0	
,,	14	½	A.-St. Ci., St.-Cu.	—	—	Clr.	0	2	—	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
11	16	10	Haze, Nb.	—	NW	Obs.	0	2	—	0	Fog blotting out cape. Sun shining through the haze.
,,	18	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Waves of fog across the peninsula.
,,	20	½	A.-St.	—	—	Clr.	0	1	—	0	
,,	22	1	A.-St., St.	—	—	Clr.	0	2	—	0	
12	8	2	A.-St., Ci., Ci.-St.	—	—	Clr.	0	4	—	0	Radiant from W.
,,	10	2	A.-St., Ci.-St.	NW	—	Clr.	0	2	—	0	Clouds moving slowly.
,,	12	7	St.	—	—	Clr.	0	0	—	0	Newnes glacier misty.
,,	14	9	Cu.-Nb., St.-Cu., scud.	—	—	½ Obs.	0	0	—	0	Newnes glacier misty.
,,	16	9½	Scud, Nb.	—	SE	½ Obs.	0	0	—	0	
,,	18	9½	Nb.	—	SE	Obs.	0	0	—	0	
,,	20	9½	Nb.	—	SE	Obs.	0	0	—	0	
,,	22	8	St.-Cu., A.-St.	—	—	Clr.	0	0		0	Sun shining brightly.
13	8	2	Cu., scud	—	SE	Clr.	0	4 ?	—	0	
,,	10	2	St., scud	—	—	Clr.	0	2	—	0	
,,	12	2	Scud	—	—	Clr.	0	2	—	0	
,,	14	2	A.-St., scud.	—	S	Clr.	0	2	—	0	
,,	16	2	A.-St., St.	—	—	Clr.	0	2	—	0	
,,	18	1	St., scud	—	S	Clr.	0	2	—	0	
,,	20	2	St., scud	—	S	Clr.	0	2	—	0	
,,	22	½	St., scud	—	—	Clr.	0	2	—	0	
14	8	5	St., scud	—	S	Clr.	0		—	0	
,,	10	5	St., scud	—	—	Clr.	0	2	—	0	
,,	12	8	St., scud	—	—	Clr.	S. slt. gran.	?		0	Becoming overcast.
,,	14	3	St., scud	—	—	Clr.	0	?	—	0	Clear from W.
,,	16	9½	St., scud. Cu.		—	Clr.	0	0	—	0	
,,	18	8	Scud., St.-Cu.	—	S	Clr.	0	1	—	0	Sun shining.
,,	20	3	Scud, St.	—	S	Clr.	0	2	—	0	

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Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
14	22	8	Scud, St., Cu.-Nb.	—	—	Clr.	0	?	—	0	
15	8	2	St.-Cu., Ci.	—	—	Clr.	0	4	—	0	
,,	10	3	St., Ci.-Cu., scud	SE	—	Clr.	0	2	—	0	
,,	12	1	St.	—	—	Clr.	0	2	—	0	
,,	14	2	Ci.-St., Cu., St.	—	—	Clr.	0	2	—	0	Cu. forming against SE of C. Adare.
,,	16	2	Ci.-St., St., scud., Cu.	NW	—	Clr.	0	2	—	0	Clouds from NW fast.
,,	18	3	Cu.-Nb., scud, St.	NW	—	Clr.	0	2	—	0	Turret clouds on C. Adare and Geikie Land.
,,	20	2	Cu.-Nb., Cu., St., scud	—	SE	Clr.	0	2	—	0	
,,	22	2	A.-St., Ci., scud, St., St.-Cu.	—	S	Clr.	0	2	—	0	Movement of lower cloud just perceptible.
16	8	3	Cu.-St., Ci.-St.	—	SE	Clr.	0	4	—	0	
,,	10	4	Cu.-St., scud	—	—	Clr.	0	2	—	0	Cloud radiant WNW.
,,	12	9	Haze, Nb., St.	—	N	Clr.	S. spic. cryst.	1	—	0	Clouding from N.
,,	14	10	Nb.	—	—	Obs.	S. flakes cryst.	—	—	0	Thickened very much.
,,	16	10	Nb., scud	—	N	Obs.	S. gran. cryst.	0	—	0	Snow squalls S and SW.
,,	18	10	Nb., scud, St.-Cu.	—	—	Obs.	—	0	—	0	
,,	20	10	St., St.-Cu., Nb.	—	—	Obs.	0	0	—	0	
,,	22	9¾	Nb.	—	—	Obs.	S. large gran.	—	—	0	Sun shining in S.
17	2	8	Scud, St.-Cu.	W	SE	¾ Obs.	0	0	—	0	Warning glacier obscured.
,,	4	4	Scud, Nb. St.-Cu.	—	S	Obs.	0	0	—	0	Local fog.
,,	6	4	Scud, Nb., St.-Cu.	—	S	Obs.	0	2	—	0	Low fog bank. Clear overhead.
,,	8	3	Nb., St.-Cu.	—	S	Obs.	0	2	—	0	Fog clearing rapidly.
,,	10	½	Scud	—	S	Clr.	0	2	—	0	Cloud cap on C. Adare.
,,	12	¼	Scud	—	S	Clr.	0	2	—	0	Scud on C. Adare.
,,	14	2	St., scud, St.-Cu.	—	NW	Clr.	0	2	—	0	Fog forming from NW.
,,	16	½	Cu., scud	—	NW	Clr.	0	2	—	0	Clear again.
,,	18	3	St., scud, Ci.-Cu., Nb.	—	NW	½ Obs.	0	2	—	0	Clouding from NW. Turret Cu. on Geikie Land.

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December, 1911.											
17	20	10	St.-Cu., St., Nb., scud	—	—	Clr.	0	¼	—	0	Overcast from NW.
,,	22	10	Nb., St.-Cu., St.	—	—	Clr.	0	0	—	0	No change.
18	8	10	Nb., St.	—	—	Obs.	0	0	—	0	Thick to S.
,,	10	10	Nb., St.-Cu.	—	—	½ Obs.	0	0	—	0	
,,	12	10	Nb., St.-Cu.	—	—	½ Obs.	0	0	—	0	
,,	14	10	St.-Cu., Nb., St.	—	—	½ Obs.	0	0	—	0	
,,	16	10	St.-Cu., Nb., St.	—	—	½ Obs.	0	0	—	0	
,,	18	10	St., Nb.	—	—	½ Obs.	0	0	—	0	Sun shining through haze.
,,	20	10	Nb., St., haze	—	—	½ Obs.	S. slt. spic.	0	—	0	
,,	22	2	St., St.-Cu., A.-St., Ci.	—	—	Clr.	0	2	—	0	
19	8	10	Nb., haze	—	—	Obs.	S. slt. spic.	0	—	0	Sun just showing. Mountains and glacier obscured.
,,	10	10	St.-Cu., Nb., haze	—	—	Obs.	S. slt. spic.	0	—	0	Sun just showing. Mountains and glacier obscured.
,,	12	10	Nb., scud	—	—	Obs.	0	0	—	0	Sun gone.
,,	14	10	Nb., St.	—	—	Obs.	S. spic.	0	—	0	Sun gone.
,,	16	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun gone.
,,	18	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun gone.
,,	20	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun gone.
,,	22	10	Nb.	—	—	Obs.	S. spic.	0	—	0	Sun gone.
20	8	10	Nb.	—	—	Obs.	S. slt. spic.	0	—	0	Snow squall to W.
,,	10	10	St.-Cu., Nb.	—	—	Obs.	0	0	—	0	Some definition in clouds.
,,	12	10	St.-Cu., Nb.	—	—	½ Obs.	0	0	—	0	Warning glacier clear.
,,	14	10	St., Nb., Cu., scud, haze	—	—	½ Obs.	0	0	—	0	Mountains beginning to show.
,,	16	4	St., St.-Cu., scud, haze	—	—	½ Obs.	0	1	—	0	Cleared a good deal. No movement in clouds.
,,	18	2	St., St.-Cu., scud	—	S	Clr.	0	2	—	0	
,,	20	9½	St.	—	—	Clr.	0	1¼	—	0	Overcast again.
,,	22	9½	St.	—	—	Clr.	S. slt. gran.	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
21	8	10	St., Nb.	—	—	Clr.	0	0	—	0	
,,	10	10	Nb.	—	—	Obs.	S. he. gran.	0	—	0	Glaciers and mountains obscured.
,,	12	10	Nb.	—	—	Obs.	S. spic. cryst.	0	—	0	C. Adare indistinct.
,,	14	9	Scud, Nb., Ci.-Cu.	—	—	Obs.	S. slt. spic.	0	—	0	Mountains dimly showing.
,,	16	10	Nb., Cu.	—	—	½ Obs.	S. slt. spic.	0	—	0	Warning glacier clear.
,,	18	10	St., scud	—	—	½ Obs.	0	0	—	0	Clearing to S.
,,	20	9	Scud, St.	—	—	Clr.	0	0	—	0	Clearing to S.
,,	22	7	Ci., scud, haze, St.-Cu., Cu.	—	S	Clr.	0	1	—	0	Newnes glacier slightly obscured.
22	8	8	St., Nb.	—	—	½ Obs.	0	0	—	0	Newnes glacier obscured.
,,	10	9	St., Nb.	—	—	½ Obs.	0	0	—	0	Newnes glacier obscured.
,,	12	9	St., Nb.	—	—	½ Obs.	0	0	—	0	Snow falling W. and N. Newnes glacier obscured.
,,	14	9	Haze, St., Nb.	—	—	½ Obs.	0	0	—	0	Sun shining through haze. Clearing to S. Newnes glacier obscured.
,,	16	7	St., scud, Cu., Ci.-Cu.	—	—	½ Obs.	0	0	—	0	Clearing everywhere. Newnes glacier obscured.
,,	18	6	St., scud, Cu., St.-Cu.	—	NW	½ Obs.	0	0	—	0	Clearing. Newnes glacier obscured.
,,	20	5	Ci.-St., St., scud, Ci.-Cu.	—	—	½ Obs.	0	1	—	0	Newnes glacier obscured.
,,	22	8	Scud, St.-Cu.	—	—	½ Obs.	0	—	—	0	Sun shining through clouds. Newnes glacier obscured.
23	8	9	St., Nb.	—	—	½ Obs.	S. cryst.	0	—	0	C. Adare indistinct.
,,	10	9	St., St.-Cu., Nb., Cu., scud	—	—	½ Obs.	0	0	—	0	Cleared a good deal.
,,	12	8	Scud., Nb., Cu., St.-Cu.	—	S	Clr.	S. slt. gran.	0	—	0	
,,	14	2	Scud, St.	—	—	Clr.	0	0	—	0	
,,	16	6	Scud, St.-Cu.	—	S	Clr.	0	1	—	0	
,,	18	9	Scud, St.-Cu.	—	S	Clr.	0	0	—	0	
,,	20	9½	Cu., St.	—	—	Clr.	0	0	—	0	
,,	22	9½	Scud, St.-Cu.	—	—	Clr.	0	0	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
24	8	10	Nb., St.-Cu.	—	—	Obs.	S. slt. gran.	0	—	0	
,,	10	10	Nb.	—	—	Obs.	0	0	—	0	
,,	12	9	Nb., St., St.-Cu.	—	—	Clr.	0	0	—	0	Mountains clearing and glaciers clear.
,,	14	3	St., Ci.-Cu., scud	—	—	Clr.	0	½	—	0	Clearing from S.
,,	16	1	St., scud	—	S	Clr.	0	2	—	0	
,,	18	1	St., scud, St.-Cu.	—	S	Clr.	0	2	—	0	
,,	20	½	St., scud	—	S	Clr.	0	2	—	0	
,,	22	4	Fog, St.-Cu.	—	S	Clr.	0	1⅘	—	0	Fog blowing quickly from S.
25	8	1	St., Nb.	—	—	Clr.	0	4	—	0	
,,	10	½	St., scud	—	—	Clr.	0	2	—	0	
,,	12	1	Ci.-St., scud	—	—	Clr.	0	2	—	0	
,,	14	1	Scud, St.	—	—	Clr.	0	2	—	0	
,,	16	3	St.-Cu., scud	—	S	Clr.	0	2	—	0	
,,	18	3	St., scud	—	ESE	Clr.	0	2	—	0	
,,	20	2	St., scud	—	—	Clr.	0	2	—	0	
,,	22	2	St., scud	—	—	Clr.	0	2	—	0	
26	8	¼	Scud	—	—	Clr.	0	4	—	0	
,,	10	¼	Scud	—	—	Clr.	0	2	—	0	
,,	12	1	St., scud	—	S	Clr.	0	2	—	0	
,,	14	7	St., Nb.	—	—	½ Obs.	0	—	—	0	
,,	16	9	Nb.	—	—	½ Obs.	0	0	—	0	
,,	18	9½	Scud, Nb.	—	SE	½ Obs.	0	0	—	0	
,,	20	10	Nb.	—	SE	½ Obs.	0	0	—	0	
,,	22	8½	Scud, St., Nb., Cu.	—	—	Clr.	0	0	—	0	
27	8	¼	A.-St., scud	—	—	Clr.	0	3	—	0	
,,	10	1	St., scud	—	S	Clr.	0	2	—	0	
,,	12	1	Scud, St.	—	S	Clr.	0	2	—	0	

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CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
27	14	1	Scud, St.	—	S	Clr.	0	2	—	0	
,,	16	2	Ci.-Cu., scud	—	—	Clr.	0	2	—	0	
,,	18	½	Scud	—	—	Clr.	0	2	—	0	
,,	20	½	Scud	—	—	Clr.	0	2	—	0	
,,	22	½	Scud	—	—	Clr.	0	2	—	0	
28	8	2	St., scud	—	SE	Clr.	0	4	—	0	
,,	10	¼	St.	—	—	Clr.	0	2	—	0	
,,	12	¼	St., St.-Cu.	—	—	Clr.	0	2	—	0	
,,	14	¼	Scud, St., St.-Cu.	—	ESE	Clr.	0	2	—	0	
,,	16	½	St., Ci., Cu.	—	—	Clr.	0	2	—	0	
,,	18	1½	Scud., Cu., St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	20	1½	Scud, Cu., St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	22	1¾	St.-Cu., scud	—	SE	Clr.	0	2	—	0	
29	8	2	St., St.-Cu., scud	—	E	Clr.	0	3½	—	0	
,,	10	2	St.-Cu., scud	—	N	Clr.	0	2	—	0	
,,	12	3	Scud St.-Cu.,Cu.	—	ESE	Clr.	0	1½	—	0	
,,	14	3	Scud. St.-Cu.,Cu.,	—	E	Clr.	0	2	—	0	
,,	16	8	Cu., Ci-Cu., scud	—	ESE	Clr.	0	1½	—	0	Very dark Cu. to NNW.
,,	18	6	Ci., Ci.-Cu., St.	—	ESE	Clr.	0	1½	—	0	Light fall of spicular snow.
,,	20	8	Scud, St.-Cu.	—	ESE	½ Obs.	0	½	—	0	Warning glacier just perceptible through mist.
,,	22	6	Scud., Cu., St.-Cu.	—	ESE	½ Obs.	0	½	—	0	Newnes glacier obscured.
30	8	½	Scud, Cu., St.-Cu.	—	SE	Clr.	0	—	—	0	Clouds travelling rapidly.
,,	10	½	Scud, St.-Cu.	—	SE	Clr.	0	—	—	0	Sunshiue record blown away.
,,	12	½	Scud, Cu., St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	14	½	Scud, Cu., St.-Cu,	—	SE	Clr.	0	2	—	0	
,,	16	1	St.-Cu., Cu., Ci.	—	SE	Clr.	0	2	—	0	
,,	18	2	Scud, St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	20	1	Scud	—	SE	Clr.	0	2	—	0	

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December, 1911—January, 1912.

CAPE ADARE.

Day.	Hour.	Cloud. Amount.	Cloud. Kind.	Cloud. Direction from Upper.	Cloud. Direction from Lower.	Visibility of Glacier.	Rain or Snow.	Sunshine Hours (since last observation).	Aurora.	Drift.	Remarks.
December, 1911.											
30	22	1	Scud, St.	—	SE	½ Obs	0	2	—	0	
31	10	4	Scud, St.	—	SE	Obs.	0	2	—	0	S end of C. Adare at times obscured.
,,	12	3	Scud, St., Ci.-Cu.	—	—	Clr.	0	2	—	0	
,,	14	3	Ci.-St., Ci., St., scud	—	—	Obs.	0	2	—	0	Radiant point of Ci. and Ci.-St. NW.
,,	16	4	Ci.-St., Scud, St.	—	—	Obs.	0	1½	—	0	Newnes glacier obscured by mist.
,,	18	4	Scud, Ci.-St., St.	—	—	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	20	2	Scud, Ci.-St., Ci., St.	—	—	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	22	4	St., Ci., Ci.-St., scud	—	—	Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	24	5	Ci.-St., St., scud	—	—	Obs.	0	—	—	0	Newnes glacier obscured by mist.
January, 1912.											
1	8	1	Cu., scud	—	SE	½ Obs.	0	4 ?	—	0	Newnes glacier obscured by mist.
,,	10	1	Cu., scud	—	SE	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	12	3	Cu.-St., scud	—	S	½ Obs.	0	1¾	—	0	Newnes glacier obscured by mist.
,,	14	2	St., scud	—	S	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	16	2	St,-Cu., scud	—	S	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	18	5	St.-Cu., scud	—	S	½ Obs.	0	2	—	0	Newnes glacier obscured by mist.
,,	20	8	Ci.-Cu., Scud, Cu.	—	NW	½ Obs.	0	0	—	0	Newnes glacier obscured by mist.
,,	22	6	Scud, Cu., St., St.-Cu.	—	—	½ Obs.	0	0	—	0	
2	8	3	St., Ci.-Cu., scud	—	—	Clr.	0	0	—	0	
,,	10	4	St.-Cu., scud, Ci.-Cu.	—	SE	Clr.	0	0	—	0	
,,	12	5	St.-Cu. Ci.-Cu., scud.	—	SE	Clr.	0	—	—	0	Clouds moving bodily but slowly from SE.
,,	14	3	St., Ci.-Cu., scud	—	SE	Clr.	0	2	—	0	
,,	16	5	Ci.-Cu., St.-Cu.	—	SE	Clr.	0	2	—	0	Clouding over S end of C. Adare.
,,	18	4	Ci.-Cu., St.-Cu.	—	SE	Clr.	0	2	—	0	
,,	20	2	St., Ci.-Cu., scud	—	—	Clr.	0	2	—	0	
,,	22	4	Ci.-Cu., St., scud	—	—	½ Obs.	0	1½	—	0	

TABLE 64.

METEOROLOGICAL DIARY KEPT AT CAPE ADARE, FEBRUARY 28TH, 1911, TO DECEMBER 31ST, 1911.

FEBRUARY, 1911.

February 28th, 1911.

Between 8 and 9 this morning, two banks of clouds, the lower one of Nimbus and the upper one of Cirrus, Cirro-stratus and Cirro-cumulus, rose in the N.W. and gradually spread over the sky towards the S.E.

At 8.30 we noticed a pronounced mock sun to the left of the sun, with the spectrum colours well defined from blue to red towards the sun. Another mock sun was for a few minutes recognisable to the right of the sun but was never very definite. These were mock suns of the halo of 22° and in the light of what I afterwards read in the Observers' handbook, it is interesting to state that while the red to green colours were quite bright, the blue was equally bright, if not brighter, than the other colours, and I believe that I saw a faint violet ring outside the blue.

The halo of 22° itself was not noticeable, except in the immediate neighbourhood of the mock suns themselves.

Warning and Sir George Newnes Glaciers are clear.

At about 5.45 p.m. a southerly wind sprang up. Gusts of about force 3 to 4 were interspersed with 5 minute intervals of calm. At 6 p.m. I took an extra series of observations to mark the beginning of the wind.

All day, up to this, has been calm with light southerly airs. Temperature very constant at about 24° F.

7 p.m. The southerly wind has continued off and on until about 6.45, but now a light northerly wind is blowing. A little snow has fallen here, and both N. and S. of us it appears as if the snow were much heavier.

Warning Glacier is obscured by snow.

10.30 p.m. Going to turn in. The wind which was S.E. at the 10 o'clock observation is now about force 2 from the N.E.

MARCH, 1911.

March 1st, 1911.

1 p.m. During the forenoon I have been fixing up the Solar Radiation Thermometer (M.O. 1004) and a Minimum Spirit Thermometer within an inch of the ground for the Terrestrial Radiation (M.O. 3456), and the Aluminium Sledging Thermometer (No. 57), instead of the Dry Bulb which is still missing.

Cumulus has been banking up to the N. of us and spreading over the sky to the S., and on the Northern horizon it has become much denser until it is practically Nimbus.

8.30 p.m. Clouds have remained very steadily piling up from the N. until the sky has become almost completely covered with dense Cumulus. The temperature has remained almost constant all day and the wind has been practically nil.

The Terrestrial Radiation Thermometer bulb is about an inch above the ground level, but the ground is not covered with snow; that portion immediately adjacent to the screen consists of the usual mixture of pebbles and guano, so that this will complicate the temperatures.

When we get a good light I will take photographs of the screen back and front showing the position of the various instruments.

March 2nd, 1911.

10.30 a.m. Campbell has examined the barometers and has found the Fuess Barometer broken, but the Kew Pattern Station Barometer is apparently all right. I gave the Thermograph a vertical mark at 10.30 this morning.

A wind about force 5 or 6, rather gusty and carrying a little drift was blowing when we turned out this morning. About $\frac{3}{8}$ inch of snow has fallen (estimated), but at present the sky is clearing and the sun showing occasionally.

I have started this morning taking accurate readings of the Anemometer with the aid of a watch, and am entering the times in one of the spare columns at the end of the page of the log-book. The other column I am using for recording the occurrence of drift snow.

10 p.m. Since my last note, the wind has continued with varying intensity but always very gusty. It has never, I should say, reached a speed of above 30 miles an hour, but I have not worked out the Anemometer readings.

Until 2 o'clock this afternoon the Cumulus clouds were working gradually towards the S., but between then and 8 p.m. there was rather a rapid return towards the N.W. At the 10 o'clock observation the clouds were much denser, a slight snow had commenced to fall, and movement of the cloud was imperceptible.

March 3rd, 1911.

8 p.m. Wind to-day has been much less gusty, and towards the middle of the day rose to force 7. I find I have been under-estimating the wind force up to now and am therefore slightly changing my scale to bring the Beaufort scale estimations in line with the Anemometer readings up to now. From now on, I shall continue estimation without comparing. About 6 p.m. a well-marked Alto-stratus radiant became visible owing to the dispersion of the lower Cumulus and Nimbus. The radiant point was a little E.S.E.

10 p.m. Wind almost ceased (2 to 0). Heavy cloud masses, especially dense Nimbus on the Northern horizon. Temperature has been remarkably constant all day. (+24° F. to +28° F.).

March 4th, 1911.

9 a.m. Sky quite clear but for a few Cumulus clouds in the mountains. Calm with southerly airs.

6 p.m. At about 5.30 I noticed Nimbus clouds moving rapidly towards the S.W., appearing over Cape Adare. The sky at the time was obscured by dense Cumulo-stratus.

Stratus and the Nimbus clouds formed a second layer beneath these. At 5 o'clock a wind of from force 2 to 3 blew in 3-minute gusts with about 5- to 10-minute intervals between them.

At the present time it is calm and has been so for more than 20 minutes. Snow commenced to fall at 5.45 p.m. in flakes of three types :—

(1) Shapeless granules.
(2) Six-rayed stars of Type E. 10.
(3) The same stars with little clubs of snow depending from the end of the rays.

This afternoon we fixed the sunshine recorder, making the necessary adjustments for meridian and latitude, and placed an equinoctial card in the bowl. Owing to our position under Cape Adare, it will be necessary in striking an average of the amount of sunlight, to take into account the loss owing to the shadow of that peninsula.

8 p.m. The wind dropped completely until 7 o'clock, when a few gusts from the S.E. led us to expect a gale, but at the present observation there is a slight draught from the W. A few crystals of snow are falling, but both to N. and S. of us the snow-fall must be much heavier.

10 p.m. Wind has gone back to E.S.E. and is blowing in gusts up to force 5, but there are long lulls when it is scarcely strong enough to move the Anemometer. The sky is still obscured and our horizon is much reduced by the snow. No snow is falling here.

March 5th, 1911.

The meteorological notes were omitted to-day with the exception of the log, as we were away on the summit of Cape Adare, and I was doing geology, but the day has been a quiet one with nothing seen particularly worthy of note.

March 6th, 1911.

1.30 p.m. This morning we fixed up the Kew Standard Barometer and searched the old hut until we found a box containing four Mercury Dry Bulb Thermometers and three Spirit Thermometers, one of them a refill for the sling thermometer and the other two minimum Spirit Thermometers for sledging.

At 8 a.m. the sky was fairly clear, but a good deal of Cirrus without any definite arrangement was present near the Zenith. Low down on the Northern horizon was a dense cloud of Nimbus which, however, became dispersed between then and 10 a.m. when there were two well-marked series of clouds one of Cirrus drawn out with its long axis N. and S., and the other of Cirro-cumulus trending E. and W. A few Alto-stratus clouds on the Northern horizon might have belonged to either or neither of these series.

N.B.—I have, until now, been reading the weather by dividing the sky into nine tenths, for instance, C9, B9 or C6B3, and leaving out the part near the horizon. But in future, according to the Observers' handbook, I shall use the notation C10, B10 and C6B4.

10 p.m. A clear E.S.E. wind has been blowing all day. Its force has varied from 1 to 6. To-night, just before the 10 o'clock observation, Campbell called us out to see the first Aurora any of us had seen here. The night is yet too light for it to show up very well at this hour, but searchlight beams radiating from the N.E. were distinct, and one curtain stretching from the N.E. to N.W. and reaching an altitude of 45°. The colour was, in my opinion, a yellowish-green, and I am supported by a small majority, but Abbott and Levick are inclined to call it pearl-grey. I think that had the night been sufficiently dark it would have been a very bright curtain, but none of us were sufficiently enthusiastic to stay up to watch developments.

March 7th, 1911.

8 a.m. Cumulus moving from the N.E. At 8 a.m. Cape Adare was shrouded in low cloud from the summit to within a 1,000 feet of sea-level. This cloud moved from the E. Half-an-hour ago the glaciers were clear, but they are now blotted out by heavy snow.

10.30 a.m. At 9 o'clock this morning six separate storms with falling snow were to be seen. The largest was the one which covered Cape Adare with dense snow-cloud, then three squalls were moving slowly westward along the horizon between N.E. and N.W., and the mountains N. of Mt. Minto were obscured for about 20 miles by another flurry; finally, the snowstorm near the glaciers still continued, though not so strong as at the last observation.

Between 9 a.m. and 9.15 a.m. the Cape Adare squall moved Westward, and at 9.5 the first snow fell near the hut. Since then about $\frac{1}{5}$ of an inch of snow has fallen. Most of it fell as nearly circular granules ranging principally from those $\frac{1}{8}$-inch in diameter (these were comparatively few in number), through those $\frac{1}{16}$ inch in diameter, and all sizes down to that of a pin's point. A few crystals of, I think, type Ec were falling, but their scarceness is illustrated by the fact that when I had fetched the photographs to compare, I waited for 5 minutes without catching one, and finally had to trust to my memory.

10.30 a.m. Snow ceased and blue sky 3 appeared. (B.3C.7).

11.30 a.m. At 11 o'clock the snowstorm over the glaciers again became much heavier, and seemed to spread along the mountains to the N.W. and along Cape Adare to the N.E. About 11.15 Cape Adare became altogether obscured, and 5 minutes later heavy snow flying before an E.S.E. breeze of force 2 to 3 struck the camp and reduced our horizon to a matter of 100 yards. The snow fell in large flakes, each composed of several interlocked crystals of types approaching nearly to F1. 4 and 5, F11 10.

March 7th, 1911—continued.

12.10 p.m. $\frac{3}{4}$ inch of snow (estimated) has fallen so far to-day, most of it in half an hour since 11 o'clock. A slight amount of granular snow is falling now. Heavy snow still falling to the E., and there are three snow squalls between N. and N.N.W.

3 p.m. Sky still obscured by Cumuliform Nimbus. Slight snow still falling, all of it granular. Heavy snow to W. and S.W. Wind remains much the same force from the E.S.E. Barometer rising steadily all day.

4 p.m. At 3 o'clock the wind swung to N.E. and brought fresh snow. All the snow that has fallen since the last observation is of the granular type, and most of the grains are about $\frac{1}{8}$ inch in diameter.

When lying on the ground it looks very like soft hail. From Cape Barrow for 20 miles to the Northward is shrouded in snow, and from N. to N.N.E. is dense Nimbus. This last probably extends much further Northwards, but is shut out from us by Cape Adare. The sun dispersed the clouds once or twice for a minute or two, but there was never a permanent break.

It has been quite clear to the S. for an hour, but had again closed down by this observation.

6 p.m. The glaciers are obscured by snowfall and there is a heavy snow-flurry to the N.N.W. Cape Adare is clear but is covered by dense Cumuliform Nimbus.

Temperature has remained uniform since the morning, though the Thermograph gives one slight change.

7 p.m. Situation unchanged. A little granular snow falling.

8 p.m. No change.

10 p.m. Snow falling slightly heavier. About $1\frac{1}{8}$ inch of snow has fallen to-day in all (estimated). This was estimated from the thickness of the snow on the floor of Borchgrevinck's uncovered hut. Luminous spaces between the thickest clouds suggest the presence of the Aurora behind them.

10.15 p.m. Snow getting thicker. Cape Adare nearly obscured.

March 8th, 1911.

8 a.m. Sky still covered with Cumuliform Nimbus. No snow falling at Cape Adare, but snow squalls on Geikie Land to the S., and on various parts of the land to the W. Another $\frac{1}{4}$ inch of snow has fallen since the last observation.

10 a.m. No change. Clearer to the S.

12 noon. Sky clearing from the S.E. showing Alto-Stratus. Movement of the Cumuliform Nimbus is imperceptible, but probably from the E. No snow falling anywhere in sight.

8 p.m. Situation has remained practically unchanged all day. At present the clouds are slightly thicker to the N. and the sky is fairly clear above Warning and Sir George Newnes Glaciers, but there is no sign of an upper series of clouds in this quarter.

9.30 p.m. Clouds dispersing rapidly, only Fracto-cumulus left, the proportion now is about B.7 C.3. E.S.E. breeze about force 2 to 4, blowing.

Abbott noted a haze round Jupiter at about 10.30 p.m., and he reported that the wind had almost entirely stopped.

March 9th, 1911.

6.15 a.m. Heavy Stratus changing to Nimbus on the northern horizon. Sky clear to the S. Wind has dropped entirely.

March 9th, 1911—continued.

8 a.m. The Stratus is evidently of the nature of a high-level mist, the bottom of which reaches the 1,000 feet level at Cape Adare. The sun has been showing through it for half an hour, but up to now not with sufficient force to make any impression on the Sunshine Recorder. The cloud is becoming thinner, towards the zenith, but is still very thick towards the Northern horizon. Detached Cumulus forms a lower layer towards the S. A southerly breeze of force 1 to 2 blows for gusts of 1 or 2 minutes, but there has only been 1 mile of wind in the last 2 hours.

10 a.m. No change in the weather. The sun has shown continuously since 8 a.m., but has left no mark on the Sunshine Recorder.

12 noon. The cloud haze has, during the last 2 hours, been descending, as shown by the indistinctness of outline of Cape Adare, and has now reached sea-level, and flakes of snow are falling. The flakes are made up of closely interlocked immature crystals resembling very much Type A1 of the photographs.

4 p.m. No change except the formation of low Stratus on the mountains to the S.W. Between 2 and 4 o'clock no snow fell, but now a few crystals are again falling.

9.30 p.m. No change. Snow has been falling for some time, but I should say that the total fall for the day is not more than $\frac{1}{4}$ inch. The horizon is much limited by the snow and Cape Adare is indistinct. The clouds are, if anything, denser and there is a Southerly breeze of force 1 blowing.

March 10th, 1911.

6.30 a.m. Heavy snow falling, so thick that Cape Adare is hardly distinguishable. Between $2\frac{1}{2}$ and 3 inches of snow have fallen during the night. The snow mostly appears to be formed of granular aggregations of needles, but crystals of Type A1 are common, as also are six-rayed stars with a bulbous centre.

The barometer has fallen steadily during the night. The temperature remains constant.

8 a.m. Snow heavier still and consisting of large flakes of three or four dozen interlocked crystals of very perfect shape. I have examined a good many flakes this morning and have been able to make certain of three types.

Plain six-rayed stars, either of clear ice, or with a good deal of granular snow attached to the rays. (F11 9).

(2) Complicated six-rayed stars with branches given off at acute angles to the rays in one plane. (F11 10).

(3) A very common type of crystal is a dumbbell-shaped one consisting of two six-rayed stars of Type F11 9 at either end of a thick stalk.

A slight Northerly wind is blowing, and we rather fear it may be the indraught before a blizzard. Guide ropes have been fitted to the hut to which the Anemometer is attached and to the Meteorological Screen.

10 a.m. Snow still heavy but the flakes are smaller and consist mostly of immature crystals in the form of spikes and granules. Many single crystals of the Types F11 9 and F11 10 are falling.

Wind from the N. is very gusty, ranging in force from force 1 to force 4. Cape Adare has been blotted out by snow for most of the time but is now showing. All the time that I have been out the snow appears to be thicker to the N.W. and W., than to the N. and S.

It is worth noting that although the sun was shining most of yesterday, it was always too weak to leave a record.

12 noon. Snow heavier but changed in character. All the grains and crystals are small and single, not exceeding $\frac{1}{8}$ inch in diameter.

March 10th, 1911—continued.

The principal types are small irregular granules, balls of snow with six small spikes, six-sided plates of Type B11 11, rods with or without dumbbell-like protuberances at the end, and plain crystals of hexagonal symmetry, but with more or less of the rays missing.

About 5 inches of snow is estimated as having fallen, the result being obtained by the comparison of a dozen thicknesses on a level part of the beach.

The wind swung between 10.30 and 11 a.m. from N. to N.E., blew up to force 2 for a few minutes from that direction and then swung round to the E.S.E., from whence it is still blowing. It is very gusty, varying from none at all to force 4.

1.30 p.m. At about 12.30 a gust blew for about 5 minutes from the N.E. up to force 4 or 5. The direction changed back to E.S.E. immediately. Between 12 and 1 o'clock the snow changed back to the flaky type with large quantities of interlocked crystals of Types F11 9 and F11 10. The wind was rising and a low drift beginning to fly.

2 p.m. Wind increasing force 3 to 5. Slightly less falling snow, but the wind is raising a low-flying drift.

6 p.m. Wind fairly steady at force 4 to 5. Snow falling and drift flying.

Snow principally small-grained with many crystals of type F11 9.

An estimation of falling snow now becomes rather difficult because of the drift, but I should think that 3 inches since 2 p.m. would be an under-statement.

I find a complete garb for observation in this wind and temperature consists of a pair of long thigh sea-boots (leather), an oilskin coat, one of our thickest type of Jaeger woollen caps, and a pair of half mits with fur mits over them.

To prevent trouble with flying pages of a book, I have got a piece of matchboarding, 3 inches by $4\frac{1}{2}$ inches, and have pinned a sheet of paper on that with 4 drawing pins. It answers very well, though if we had one to spare a sketch block would do as well.

The barometer which had been falling all day, has reached its limit at 28·918 and is now rising.

8 p.m. Wind increased and still very gusty, force 5 to 8. Heavy drift.

Some snow falling, but impossible to tell percentage of true snow from drift. All fine snow, no flakes. Cape Adare is obscured and it is difficult to see the hut from the meteorological screen.

9.30 p.m. Wind increased, estimated at force 7 to 8 with gusts up to 9. Steady drift. Already the ridges have been stripped of the snow that has fallen to-day, and drifts are thigh-deep in the hollows. No falling snow.

March 11th, 1911.

8 a.m. Wind blowing force 7 to 9 with heavy drift. Thermograph is drifted up and not acting, and the ink appears to be frozen.

11 a.m. Wind blowing slightly less strong and fairly steady. The sun has been shining faintly through the clouds for the last 2 hours.

Strong drift flying but I think no falling snow. The Stevenson Screen has collected inside it the only drift that is to be seen within 40 or 50 yards of it. It seems badly constructed for this particular phase of the Antarctic climate, but it is difficult to see how to improve on it.

12 noon. Wind about the same as at the last observation, but the drift is slightly less because there is less snow to drift. Sky becoming much lighter to the N.W., but there is no break yet. A lower strip of Fracto-cumulus has formed from the N.W. to S.W. about 8° to 10° above the horizon. The sun is shining continuously through the snow-cloud haze. I have logged these clouds as Nimbus because they are snow clouds, but they are not at all like the definition of Nimbus, being merely a dull haze of cloud without any break. I changed the Sunshine Recorder card at noon, but there is no mark on it.

2 p.m. Situation unchanged. Wind gusty and slightly less.

March 11th, 1911—continued.

4 p.m. Wind about the same. Drift heavy as before. No snow. The clouds are assuming definite forms. The snow cloud haze is still uninterrupted above, but the lowermost portion of it has assumed definite shape.

There is a radiant point to the S.E. from which spring, like a huge bunch of Prince of Wales's feathers, clouds which at the bottom have the form of huge, whale-backed Cumulo-Nimbus, and above layer after layer of Cirrus-shaped Nimbus are piled, the whole merging finally into the cloud haze similar to that over all the rest of the sky. Between the rays of the radiant the cloud appeared much lighter, almost white in fact.

Cape Adare is crowned by the easternmost ray which takes the form of a huge mushroom-shaped Nimbus cloud. This covers the peninsula down to 1,000 feet above sea-level. These clouds appeared to be moving almost imperceptibly from the S.E., but of that I cannot make certain, and Campbell said at 3 o'clock that he thought they were moving from the N.W.

6 p.m. Clouds much the same, but the Cumulo-Nimbus much darker and denser. Heavy snow is evidently falling to the S. and W., for drift could not account for the dense shrouding of the mountains. There is less drift here and the wind is visibly dropping, though there are still some gusts which are as strong as ever. The lulls are longer and the wind has much less force in them, force 3 to 6.

March 12th, 1911.

10 a.m. There was an E.S.E. wind blowing at 8.45 this morning, when I turned out. Its force was about 2 to 3. At the 10 o'clock observation the wind had swung to the N.W. (force 1 to 2), and a light granular snow was falling.

The barometer during the night fell fairly rapidly and is now recovering itself. The temperature has remained constant within 3° or 4° (20° to 24° F.). The sky is once more covered with the indefinite snow-haze.

12 noon. The clouds are getting a little thinner towards the zenith and there is a suggestion of an upper layer of Cirro-cumulus. Snow is still falling in small indefinite crystals of needle-shape, but they are so coated with accretionary snow as to make their elucidation impossible.

1 p.m. Clouds are breaking into distinct heavy Stratus with snow scud beneath them. All are moving from the N., the lower ones quicker than the upper ones. Some blue sky is showing to the W. I recognised crystals of the following types in the snow which fell :— EII 2 and EI 2, FII 9, FII 10 and FII 5. Besides these were many combinations between plates and stars which are not in the photographs. The dumbbell crystal (FII 9 duplicated) was very common. This is an entirely different type of snow from the fine-grained snow which was falling at the last observation.

2.30 p.m. Snow clouds closed in again and heavy snow falling in flakes and grains.

The flakes consist of a few very large and perfect crystals of types FI 4 and 5, and the grains are in shape like a ball with spikes sticking out at regular intervals.

The lower three or four thousand feet of the Western Mountains are showing. No wind.

5 p.m. Snow almost ceased. About $\frac{1}{2}$ inch has fallen to-day.
Still calm.

8 p.m. Snowing again in large flakes and has been doing so since 6 p.m.
About $\frac{3}{4}$ inch of snow altogether to-day. No change in the clouds and still quite calm.

10 p.m. Heavy Nimbus to N.; cloud haze thinner towards the zenith. Luminosity suggests Aurora to N.W. and N.E. Only a few crystals of snow are falling. About 1 inch of snow to-day, but possibly more as some has been removed by thawing. Calm. Temperature falling slowly but evenly.

March 13th, 1911.

6 a.m. No snow. No wind. Clouds much the same as yesterday. Heavy snow falling to N.W. and W. Mountains showing up to 3,000 feet above sea-level. Glaciers still obscured.

8 a.m. Wind sprang up from the N.W. at 7 a.m., and blew steadily from that direction for 5 or 10 minutes. A quarter of an hour later a gust came from the N.E., and the force gradually increased up to force 4 while the wind swung to S.E., from which direction it is still blowing. A few flakes of snow fell about 7.30. The snow cloud at its lower level is becoming differentiated into flat pillow-shaped forms. There is heavy snow falling to the N.W. blotting out the mountains in that direction.

10 a.m. Wind dropped to force 1 from the S.E. Snow falling slightly. Mountains blotted out by snow. Sun shining through snow-cloud haze.

10.15 a.m. Wind has swung to the W., force 2 to 0. Fine snow falling. Crystals consist of a centre granule and needles sticking out in all directions.

12 noon. Wind still W., force 1. Slight snow falling as at last observation, but most of the 2 hours has been free from snow. A fine snow scud is moving from the S.E. under the snow-cloud which is unbroken. Sun shining through this cloud, but frequently obscured by the scud.

4 p.m. Clouds started to clear about 3 o'clock. At present, the only thick Nimbus rises from a focus on the N.W. horizon, and spreads in fan shape as far as the zenith.

Alto-stratus trending N. and S. is visible to the S. and W. Low Stratus on the mountains from S.W. to W. at a height of 4,000 feet. Wind has swung to S.4OW. No snow. Sun shining through clouds.

6 p.m. When I took the observations the air was quite calm, but before I had time to get back to the hut a gust blew from the S.E. for about 2 minutes up to force 3. Clouds are settled again. Stratus 7 and Cumulus 2.

A little blue sky to the N.

11.30 p.m. Campbell reports snow and Aurora behind clouds.

March 14th, 1911.

6 a.m. Sky covered with heavy snow-cloud. A few grains of snow falling. Stratus down to 5,000 feet on the mountains. Temperature dropped suddenly to +10° F. in the night but has recovered itself. Barometer falling. Quite calm all night, a slight draught from the N.W.

7 a.m. Heavy snow falling to the N.W.

10 a.m. An ½ inch of snow since 6 a.m. Granular snow falling again. Heavy snow to W. Mountains showing up to 4.000 feet, after which obscured by stratus. Cape Adare indistinct down to 1,000 feet. Sky obscured by snow-cloud without a break.

4 p.m. E.S.E. wind blowing in gusts, 3 to 4 minutes, each with a W.N.W. back-draught in between. Force of E.S.E. wind 4. Drift is flying continuously off Cape Adare and for some miles out to sea, whether the wind is blowing here or not, and I should say that we are only getting puffs of a very heavy gale which, up to the present, is being shelved off by Cape Adare. The sky is still covered by heavy Strato-cumulus but no snow is falling.

6 p.m. I think there is no doubt that but our friend the enemy has returned. A steady southerly wind is blowing up to force 5 (S.60E.).

Heavy Nimbus to N. and snow falling to N.W.

9.30 p.m. Southerly wind force 5 to 6 blowing. Low drift.

March 15th, 1911.

6 a.m. Calm or slight Westerly airs. Cloud haze settled down, no break. Granular snow falling.

March 15th, 1911—continued.

10 a.m. Cloud haze thicker and fairly heavy snow falling in flakes. FII 9 and FII 10 crystals are common, but the majority are small stars with a granular centre. Several of these latter are interlocked to make a flake. Cape Adare is indistinct and the glaciers are blotted out.

10.10 a.m. The snow has been for 5 minutes consisting entirely of large flakes of crystals of types allied to FII 9 and FII 10. It is now intermediate, part as above and part as at 10 o'clock.

12 noon. The clouds are breaking up into definite billow-like forms, and are forming roughly a very heavy radiant with a radiant point of unbroken clouds to the W. A few crystals of snow falling (FII 9).

8 p.m. No change. Calm all day. Heavy snow to the N.W. about 4 p.m., but has since cleared.

March 16th, 1911.

6.30 a.m. Heavy snow composed of large flakes of immature crystals. Half an inch has already fallen. Slight draught from the N.W.

12 noon. Heavy snow falling all the morning, about 2 inches up to the present.

Snow falling in flakes of different sizes, but all composed of rods and immature stars. No different types recognisable.

8 p.m. This afternoon about 5 p.m. we noticed drift flying off Cape Adare. The glaciers had been obscured all day, and this was the first intimation of a southerly wind approaching.

A quarter of an hour later the wind struck us, and blew in gusts up to force 4 for a few minutes, with long intervals of calm. About 6 o'clock the wind ceased again and now there is a back-draught from the N.

The clouds broke up this evening. We saw two radiants, one of Cirro-cumuliform scud with the radiant point to the N.W., and the other of heavy Nimbus with the radiant point to the N. These were present at the same time, but the Nimbus was on the lower level. Over the mountains to the N.W. and W. were two layers of Stratus, one about 2,000 feet above sea-level, and the other about 9,000 feet.

The glaciers are clear now. Luminous glow of Aurora was observed at 10 p.m.

March 17th, 1911.

8 a.m. At 7 this morning the sky was almost clear with the exception of low Cumulus and Stratus to N., which were probably caused by rising sea-smoke. About 7.15 a.m. Warning and Sir George Newnes glaciers became obscured by heavy snow-cloud which gradually moved from the S.E. until now it covers about a third of the sky. It advanced at first with broad Cumulus rays thrown out ahead of it, but the easternmost rays moved faster eastward than the others, and gradually they all merged into one dense cloud. The mountains are now obscured and heavy snow is falling from the edge of the cloud.

A fine mock sun of the halo of 22° was visible at 7.30 this morning with the red, yellow and green well marked, but the blue indistinct.

After the sun was overclouded by light Cirro-cumuliform snow-cloud a very fine effect was produced by the rays of white light striking across the shadow-darkened blue.

10 a.m. One heavy snow-cloud has passed over and now is breaking up to the N., while another is showing over the southern horizon and obscuring the glaciers. A few snow grains are falling. When I took observations the wind blew about force 1 from the S.20W. and then immediately swung to E.S.E. and blew up to force 4, when a low drift was flying. Before the southerly wind reached here the drift was flying northward from the N. point of the beach. A break in the snow-clouds shows an upper layer of Stratus trending E. and W.

March 17*th*, 1911—continued.

2 p.m. Wind risen to force 9 in gusts, heavy drift flying. Sun showing continuously. Heavy Cumulus banking up to the N.W., giving off Cirro-cumulus at its southern end, which is being blown back from the N.W. Alto-stratus near the northern horizon trending E. and W.

4 p.m. Wind dropping a little. Very little drift. A radiant of Cirrus with the radiant point N.W. Cumulus banked up under the radiant point and Alto-stratus to N., running E. and W. Western mountains clear and free from drift and cloud.

6 p.m. Wind dropped. Barometer rising rapidly since 2 p.m. Two series of clouds, the upper of Cirrus and Cirro-cumulus trending N.E. and S.W. and moving from the N. The lower trending S.E. and N.W. and moving from the S.W. is of Stratus. Heavy Stratus low down to the N. and over the mountains to the S.W.

8 p.m. Sky clouding over again with snow scud from the N. Wind about the same as the last observation. Barometer and temperature rising.

Something has gone wrong with the maximum thermometer to-day and it has been reading below the minimum, but I reversed it once or twice and it seems all right now.

9 p.m. Aurora behind the cloud to the N.E.

March 18*th*, 1911.

6 a.m. The snow-cloud haze over the sky has partially cleared since the observations. Slight spicular snow falling. No wind. Barometer risen considerably. Thermometer falling.

8 a.m. Snow haze still thick to the S., but broken up into Cumulus clouds near to the zenith. No snow. $\frac{3}{8}$ inch of snow altogether. Thermometer rising.

All times in meteorology are Local Mean time as determined by Campbell as I have no instructions as to what time to use, and it would be decidedly inconvenient to have a different time for meteorology.

10 p.m. This afternoon the sky cleared completely and now there are still no clouds. Still calm. Temperature falling and barometer rising still (29·304).

An arch of Aurora to N. and N.E., altitude about 10 to 15° at centre. The arch was never complete but consisted of 3 or 4 detached curtains, and their light was much impaired by the brilliancy of the moon. There is a bright light in the direction of the Magnetic Pole, which Campbell thinks is a glow from an Aurora further S., and I am inclined to agree with him, though up to now I have been inclined to consider this an afterglow from the sunset. It has been seen in the same position now for several nights.

10.15 p.m. A complete arch is now to be seen in the place before mentioned as being occupied by detached curtains, and at its northern end it turns acutely and rises towards the zenith. This latter portion is very faint.

March 19*th*, 1911.

8 a.m. When Browning took the observations at 6 a.m., the wind was light from the S.E., and the weather was clear, an upper layer of Cirro-cumulus, Cirro-stratus and Alto-stratus being present only.

At 8 a.m. the barometer had fallen a tenth, the thermometer had risen 7° and a wind from the E.S.E. of force 5 to 9 was blowing. The usual snow-cloud haze was spreading over the sky, though as yet so thin that there was still a suggestion of the upper clouds to be seen through it, while in places they were quite clear. A heavy roll of Cumulus was low down on the northern hozizon, while a little to the N.N.W. of us detached Cumulus-formed condensation clouds were rapidly forming, rising and dissipating into an unsaturated atmosphere above.

March 19th, 1911—continued.

10 a.m. Wind the strongest yet. I took 4 one-minute readings on the anemometer and they were as follows:—5246,06 to 5246,85 (a comparative lull), to 5247,96 (a gust), to 5249,17 (the same gust), to 5250,01 (end of gust and beginning of lull). This makes the wind in the gusts up to 72 miles an hour for an interval of 1 minute. The detached Cumulus over the sea to the N.W. is still rising rapidly and dissipating, though at a somewhat greater height than before. The snow-cloud is a little thicker and the upper clouds are blotted out altogether.

12 noon. At one-minute intervals the readings on the anemometer were as follows: 5367,13 to 5368.24, to 5369,27, to 5370,68, up to 84 miles an hour the last reading. Clouds unchanged but heavier.

2 p.m. The wind has reached hurricane force. The anemometer registered 73 miles an hour for the 2 hours, and when I arrived it was broken and gave no movement of figures at all. I have taken it down and put it into Borchgrevink's hut until there is an opportunity to look at the extent of the damage. It is impossible to walk against the gusts, one has to wait for a lull. The sky is shrouded in the snow-cloud moving from the E.S.E.

6 p.m. The instruments are too delicately constituted for this weather.

The minimum dumb-bell has been shaken down into the bulb and the maximum thermometer is reading consistently below the dry bulb (some mercury in wrong end).

I am reading the dry bulb, minimum spirit column and terrestrial radiation. The wind is dropping, temperature steady, and barometer rising.

The barograph has been shaken so much by the vibration of the hut that it shows only as a broad blotch, but I have removed it from its shelf and put it on the table where it is steadier, if exposed to more danger of shock.

March 20th, 1911.

10 a.m. Browning reports the wind less at 6 a.m., but it is now gradually increasing. The maximum thermometer has resumed duty but the minimum is still impossible. Cirro-stratus clouds are visible over a great part of the sky. They trend N.E. and S.W. A few condensation clouds are forming at fairly high altitudes to the N. of us, while the glaciers are obscured by high flying drift and above the drift is a certain amount of snow scud moving from the S.E. The sun is shining quite clearly but is not marking the Sunshine Recorder.

12 noon. Strongly marked Cirrus Radiant with radiant point S.E.

2 p.m. Two well-marked series of Cirrus and Cirro-stratus. The lower one of Cirrus trends E. and W. and the upper one of Cirrus and Cirro-stratus trends N.N.E. and S.S.W. Heavy snow-clouds to the S. on the mountains.

Drift flying to the N. and W. but not here.

6 p.m. The clouds are arranged in cone form with the point of the cone to the N.W. From the point for about 20° is an unbroken mass of stratus gradually becoming thinner and finally being superseded by rays of Cirro-cumulus which at first are crowded together, but gradually become more and more spaced until the ones to the East of the zenith seem to form a Cirro-cumulus radiant with the radiant point to the E. over Cape Adare. The wind has dropped considerably and the temperature is beginning to fall again while the barometer rises steadily.

6.30 p.m. Browning reports two flashes as of sheet lightning across the Western Mountains. The flashes were of white light and were quite momentary with hardly a second between them.

March 21st, 1911.

8 a.m. Heavy cloud spreading over the sky from the N. Very dense.

Heavy snow falling over the sea. Spicular snow commenced falling here at 7.30. As yet no definite crystals but all spikes and irregular granules.

March 21*st*, 1911—continued.

8.15 a.m. Snow-cloud breaking up into billow-shaped detached masses.

10 a.m. Sun dispered snow-clouds about 8.30, and only a few detached scud clouds were left but now Cumulus-formed clouds are again gathering in the N.

8 p.m. Very clear day. Wind changed gradually, swinging Westwards. as yet it has reached S.20W., but Sir George Newnes Glacier has commenced to cloud over and we may have a S.E. wind.

Brilliant prismatic colours on the northern horizon soon after sunset, red near the horizon and yellow-green and blue following, with a suggestion of purple above the blue. These colours have swung until they are now N.W. of us and the sky near Cape Adare is pearl-grey to grey-blue.

10 p.m. The light glow is again to be seen to the westward, and I am more inclined now to consider it an afterglow from the sunset as the prismatic colours moved in that direction and finally faded into this glow.

March 22*nd*, 1911.

8 a.m. Light northerly airs blowing. Sky covered at 6 o'clock with a uniform covering of clouds which has now broken up into detached Cirro-cumuliform clouds moving from the N.

12 noon. A broad band of dark cloud N. to S., shading off at either edge into Cirro-cumulus and Cirro-stratus. Alto-stratus to N.N.W. Calm. Temperature risen to 23·1° F. Barometer falling.

8 p.m. At 3 p.m. an E.S.E. breeze set in and since then it has been blowing up to force 7 with lulls of force 2 to 4. As before, this wind was heralded both by rise of temperature and by fall of the barometer.

Anemometer readings at 4 p.m. were as follows, for one minutes-interval : 5655,08 to 5656,33 (I have missed out the middle one of 5655,72).

At 6 p.m. the readings were as follows : 5728,88 to 5729,49 to 5730,10.

There was a most brilliant red sunset this evening. The light was curiously dispersed as blood-red rays with shadow-darkened spaces between. There were at 6.45, 7 of these rays forming a fan and throwing the blood-red light across the Strato-cumulus clouds to an altitude of from 15° to 20° above the horizon. At intervals along the horizon from W. to N.W. there were several more blood-red spots which seemed to be the points of intersection of more rays with the horizon.

The sky is now densely covered with Stratus and Strato-cumulus clouds which spread outwards from a nucleus provided by the bar of clouds observed at the noon observation.

N.B.—At 4.30, some time after the wind had started, I noticed four dense whale-backed Cumulus clouds immediately in front of the four prominent glaciers to the S. and S.E. of us.

March 23*rd*, 1911.

8 a.m. Anemometer readings : 6130,19 to 6130,69, to 6131,41 to 6131.89.
Wind gusty, force 4 to 7. Thermometer still high, +23° F. Barometer rising again.

10 a.m. Anemometer readings : 6184,00 to 6184,23, to 6184,55 to 6184,86.
Wind falling. Barometer rising and thermometer steady.

Roll of heavy condensation cloud above Robertson Bay off the land to the W. at about 2,000 feet.

10 p.m. Wind gradually decreased to about 5 miles per hour.

March 24*th*, 1911.

8 p.m. Calm all day. Sky cleared this morning under the influence of the sun, but Strato-cumulus again covered it during the afternoon, and it is now totally obscured.

Temperature and barometer steady. Clouds were moving from the N. this morning but we have not been able to make movement out since 2 o'clock.

March 25th, 1911.

8 a.m. At the 6 o'clock observation the sky was clouded with heavy Stratus, which thickened until it formed the undifferentiated snow-cloud already mentioned. A little granular snow was falling at the 8 o'clock observation. No wind.

6 p.m. A good deal of snow has fallen to the N. and W. during the day, but our share has been only a few granules about the 8 o'clock observation.

At present, a heavy snow-cloud caps Cape Adare and gusts of E.S.E. wind up to force 4 are just beginning to blow, while the drift is flying on Warning Glacier.

9 p.m. Calm again. Temperature and barometer steady.

March 26th, 1911.

Southerly wind commenced blowing in the evening. The barometer was falling slowly, but the temperature was constant.

March 27th. 1911.

8 a.m. Wind has swung to S.73W. Barometer rising. A series of upper clouds, Cirrus, Cirro-stratus and Alto-stratus visible. The two former can be seen moving slowly from the N.E. Snow-cloud over Warning Glacier and heavy Strato-cumulus to N.

10 a.m. Cirro-stratus radiant with radiant point N.W. Nimbus storm-cloud over Warning Glacier. Heavy Stratus to N. and sun shining through cloud haze. The lower clouds seem to be spreading towards the zenith from two centres, one to the N. and the other to the S.E. A wind of force 2 to 3 is blowing from S.40W.

2 p.m. Snow-cloud dispersed from Geikie Land but a haze of Stratus remains a little to the S. of us. Movement of clouds is imperceptible.

4 p.m. At 4 o'clock I observed three very fine mock suns, one vertically above the sun and the other two horizontal. They were on the halo of 22°, and the 180° of the halo joining them was visible as a pale whitish band. The suns showed the red (nearest the sun), yellow and green colours well, but purple and blue were indistinct.

There were signs of a vertical bar starting from the sun towards the mock sun above it, but this was not very plain.

The clouds in the sky at the time were Cirrus and a little Fracto-cumulus to the N.E.

The sunset was again brilliant with red as the dominant colour.

After the setting of the sun the clouds were coloured red to the zenith.

8 p.m. Absolutely calm and clear, but for Stratus low down on the N.W. and S. horizons.

March 28th, 1911.

8 p.m. Sky covered with dense Strato-cumulus clouds all day. Calm or light airs from the S.W. Barometer rising. Temperature steady.

March 29th, 1911.

4 p.m. Sky shrouded in dense Strato-cumulus clouds all day, clearing partially from time to time during the morning. Snow-cloud approaching from Cape Adare and a few crystals (FII 9) beginning to fall. An east wind is just starting. Barometer rising and temperature steady.

6 p.m. A few crystals of snow still falling.

March 30th, 1911.

10 a.m. No change. Sky still covered with clouds which change indefinitely through Stratus, through Strato-cumulus to Cumulus. Heavy snow-cloud on Cape Adare at 1,000 feet. Clearing to W. and S.

March 30th, 1911—continued.

4 p.m. Snow scud on Cape Adare at 1,000 feet.
Sky cleared during the morning and at 1 p.m. was completely clear with the exception of a few Stratus clouds on the Northern horizon, and a little Cirro-stratus to S.E. It has remained clear until the present observation.

6 p.m. Heavy snow-clouds to S.E. Snow falling on Geikie Land. Snow scud on Cape Adare.

8 p.m. Clear and calm.

March 31st, 1911.

6 a.m. Very fine prismatic colours on the horizon, purple below, through red to violet above.
A little Stratus low down on the northern horizon and snow scud over Cape Adare. Barometer fallen. Temperature low also. Lowest temperature for March is minimum last night +7·9° F. Glazed frost over everything. Meteorological screen and wood of the huts all covered with a thin layer of ice.

7 p.m. Prismatic sky, red on horizon, through yellow and green to blue.

April, 1911.

April 1st, 1911.

Glazed frost over instruments this morning. Temperature down to plus 6° F. last night, but risen again this morning. Barometer falling. Calm. Sky clouded with Strato-cumulus.

8 p.m. Strato-cumulus radiant formed in the evening with the radiant point to the W. It has all the appearance of a mackerel sky. The prevailing colours of the sunset were green and orange.

April 2nd, 1911.

8 a.m. Glazed frost on the Terrestrial Radiation and Solar Radiation thermometers. *Dew* on the Anemometer in large beads. Calm and clear.
Temperature and barometer rising.

2 p.m. Cirro-stratus clouds appeared early this morning running from E. to W. across the Northern horizon. These gradually moved northwards, and others came until by 12 o'clock a radiant of Cirro-stratus, Cirrus and Alto-stratus had formed with the radiant point over the Western Mountains.
By two o'clock the radiant had swung until the radiant point was some 60 miles further N. From 12 o'clock heavy blue-black Stratus have been forming low down on the Northern horizon, and now a roll of dense Cumulus has formed underneath them.
At 12.30 a halo of 22° was to be seen. Its colours were faint, ranging from brownish red nearest the sun to a pale grey away from the sun.

4 p.m. During the afternoon the radiant moved to the N.W. and at 4 p.m. was covered by heavy stratus. Heavy Cumulus to the N.

6 p.m. A heavy stratus radiant to the W.N.W. It is composed of two rays only, which apparently cross each other at right angles just above the mountains, for the rays are to be seen diverging below the focus.
To the North the Stratus is very black and a thin roll of Cumulus shows up white underneath it. A few flecks of Cirro-cumulus is all that is left of the upper series of clouds. An E.S.E. wind of force 1 is commencing to blow in gusts and the Stratus is beginning to appear over Cape Adare.

April 3rd, 1911.

8 a.m. During the night the wind blew from the E.S.E.: it started before 12.30 p.m., and $\frac{1}{2}$ inch of snow fell.

This morning at 6.30 a heavy snow scud was moving over Cape Adare from the E.S.E. at a good pace. The sky to the S. was covered with dense black snow-cloud. The mountains were obscured then, but are now showing, and the pall of stratus over the sky has opened up a good deal and displays a radiant of Cirro-stratus and Alto-stratus with the radiant point to the W.N.W.

1 p.m. At 11 o'clock the sky cleared somewhat and the lower clouds arranged themselves as Strato-cumulus rays with the rays running N.W. and S.E.

Under them was the snow-scud from Cape Adare, and above them could be seen some members of the Cirro-stratus and Cirro-cumulus radiant from the N.W. At 12 o'clock the clouds were again closed in and a few crystals of snow fell. They have again cleared now, and a considerable proportion of blue sky is showing. The snow was slightly increased.

All the snow to-day has been in grains and spicules.

April 4th, 1911.

8 a.m. Barometer falling. N.E. wind blowing force 1 to 4. $\frac{3}{4}$ inch of snow fell during the night. Very light snow of two types—(1) Crystals of ice, FII 9 and FII 10 and allied types. (2) Granules with spikes sticking out from them. Sky densely crowded with snow-clouds and glaciers and mountains blotted out. The snow-scud below the pall of clouds is moving quickly from the S.E.

A snow squall to the N. of us. Temperature rising very slightly.

12 noon. About 11 o'clock the zenith cleared and a few Cirro-stratus and Cirro-cumulus clouds could be seen trending W.N.W. and E.S.E. The clouds are now again closing in, this time from the N.W. Heavy snow is falling to the N.W. and N., and has until recently been falling to S.E., S.W., and S.

At present the bottom 4,000 feet of the mountains are visible, but the rest, with the exception of the summits of Mts. Minto and Sabine, are hidden by a dense belt of Strato-cumulus extending from Warning Glacier as far to the N.W. as we could see. The snow-cloud immediately near the sun is Cirro-cumuliform and ragged, and this ragged portion has been coloured from time to time with delicate colours of which purple and green are the most prominent. I could make out no sequence in the colours which appeared very like a network.

Heavy snow shrouds Cape Adare above the 1,000-foot level, but at the time of observation these were clearing as was the sky to the S.

6.30 p.m. About 1 p.m. the clouds from the N.E. covered the whole of the sky in a dense snow-cloud. The wind dropped about the same time and since then it has been calm, with a little granular snow falling from time to time.

Now a heavy snow is falling in flakes of crystals allied to FII 9, FII 10, and FI 4 and 5. Cape Adare is blotted out. About $\frac{3}{4}$ inch of light snow has fallen up till now. Barometer falling all day, but temperature steady with small range.

12 p.m. Heavy snowsquall to the N.W. and N. as crescent-shaped Nimbus cloud.

April 5th, 1911.

10 a.m. Heavy snow to the W., N. and S.E. Clearing a little to the S. and S.E.
Mountains just visible. Slight granular snow falling here.
Barometer falling slightly during the night.

8 p.m. Barometer rising slightly, but temperature falling steadily. Slight snow falling all day. Mostly granular and spicular, about 1 inch in all, in addition to 2 inches during last night. Sky heavily overcast. Calm or slight westerly or southerly airs.

April 6th, 1911.

4 p.m. Snow-cloud over the sky all day. Granular snow falling slightly until 2 p.m. At 2 p.m. the sky to the S.E. was clear, but between 2 and 4 p.m. it clouded over again, a southerly breeze blew about force 2, and heavy flake snow began to fall about 3 p.m.

The flakes consist of rods, grains, and little plain six-rayed stars of diameter about $\frac{1}{16}$ inch. The snow during the whole of this storm has been of decidedly smaller grain than that which has fallen before when the grains have been generally about $\frac{1}{8}$ inch in diameter and the plain stars the same while the compound stars were from $\frac{1}{4}$ to $\frac{3}{8}$ inch in diameter. This time the grains are about the size of a pin's head.

The barometer started falling between 12 noon and 2 p.m., and the temperature is rising a little.

8 p.m. Weather cleared and the snow ceased at 6 o'clock. It was thick again and heavy snow falling at 8 o'clock. Thermometer steady at plus 13° F. Barometer falling all day but now risen slightly.

April 7th, 1911.

6 a.m Half an hour ago the weather was calm. Now there is an E. wind of force 4 blowing and rising steadily. The temperature is up 4° and the barometer has fallen about $\frac{1}{4}$ inch during the night.

Slight granular snow falling. The sky is a little clearer to the S., but there is a dense snowcloud to the N. and underneath it there is a long roll of Cumulus. Cape Adare above 1,000 feet is shrouded in snow-cloud. About $\frac{3}{8}$ inch of snow has fallen during the night.

Since the snowstorm has begun on the night of the 2nd about 5 inches of very light snow has fallen.

8 a.m. A few plain six-rayed stars are falling. The snowsquall to the N. is moving eastwards. Southerly wind blowing with long calms between.

10 a.m. Calm. Snow-cloud closed in and heavy snow falling. Cloud heaviest to the N.E. and S.E. The snow is of a different type to any we have yet had, consisting of large crystals of $\frac{1}{8}$ to $\frac{1}{4}$ inch diameter, with granular centres and pinnate spikes sticking out all round. A few compound stars are present allied to FII 10.

2 p.m. Flaky snow falling. Heavy snow shutting everything out, but Cape Adare.

4 p.m. Heavy granular snow falling. Sky clearing at the zenith to show Cirro-cumulus trending N.W. and S.E. Calm.

8 p.m. Slight E.S.E. breeze. Snow falling mostly as plain six-rayed crystals.

Barometer rising slightly. Temperature steady, but between 6 and 8 o'clock there was a sudden drop and recover of 5 or 6° F.

April 8th, 1911.

8 a.m. Southerly wind of force 5 to 6. Heavy drift. Anemometer readings for 1-minute intervals—7663,35 : 7633,91 : 7664,27 : 7664,81 :

Barometer low but steady. Temperature steady, high but falling slightly. No sky made out.

10 a.m. Anemometer readings :—7745,89 ; 7746,44 ; 7747,18 ; 7747,92. Sky clearing showing Cirro-cumulus travelling from the N.W. with a little scud below travelling from the S.E.

12 noon. Anemometer readings :—7824,60 ; 7825,10 ; 7825,74 ; 7826,51. Wind very gusty, almost dropping in the lulls. Thermometer steady. Barometer oscillating a little.

2 p.m. Anemometer readings :—7898,15 ; 7898,60 ; 7899,11 ; 7899,62 ; 7900,39. (The last was a gust.) Temperature steady. Barometer rising. Wind more sustained and a little stronger.

4 p.m. Anemometer readings :—7969,38 ; 7969,36 ; 7970,64 ; 7971,25 ; 7971,91.

Temperature falling. Barometer rising slowly. Sky cleared at the zenith.

April 8th, 1911—continued.

6 p.m. Anemometer readings :—8044.30 ; 8044,67 ; 8045,06. Wind easing distinctly, less drift.

8 p.m. Wind dropped. Slight granular snow falling. Curious anomalies in the readings of the Maximum, Mercury and Minimum Spirit Column Thermometers during the last two observations. Thermometer and Barometer rising.

Sunday, April 9th, 1911.

6 a.m. Gusty squalls at intervals with drift. Snow scud over Cape Adare. Wind shifting from S.W. to W. and to S.E. in squalls.

8 a.m. Anemometer readings :—8212,50 ; 8213,34 ; 8214,21 ; 8215,07.
Barometer falling. Temperature steady. Cirro-cumulus clouds running N. and S. Stratus and heavy snow-cloud to N. Wind steadier than usual.

10 a.m. Anemometer readings :—8286,73 ; 8287,59 ; 8288,31 ; 8289,13.
Barometer rising, temperature rising a little. Wind dropped to 20 miles per hour between 8.30 and 9.45, but is again blowing harder. Sky clear to S. and W. Stratus low down on the Northern horizon.
Cirro-cumulus from the N. to the zenith. Low drift in squalls.

12 noon. Barometer steady. Temperature steady. Wind steady. Anemometer readings :—8366,59 ; 8367,11 ; 8367,94 ; 8368,63.

1 p.m. This is the third day marked by the same Sunshine Recorder Card, but to-day is the first day that the sun has been strong enough to make any mark.

2 p.m. Anemometer readings :—8444,32 ; 8444,39 ; 8444,84 ; 8445,39. Wind extremely gusty, force 1 to 7. Barometer steady. Thermometer rising due to the sun. Sky clear but for Stratus on the Northern horizon, and a little Cumulus over the mountains to the W.

4 p.m. Wind very gusty and far less strong, force 0 to 6. Temperature rising. Barometer steady. Roll of Cumulus and Stratus on the Northern horizon, otherwise no clouds. Wind swung to the S.E.

6 p.m. Airs from the N.E. Temperature and Barometer steady. Sky unchanged.
Prismatic sunset colours to W. and W.N.W.

8 p.m. Westerly wind of force 2. Barometer rising and temperature falling. Sky clear, but for Cumulus on the Western Mountains.
Stratus on the Northern horizon.

April 10th, 1911.

8 a.m. Calm and clear. Rolls of Strato-cumulus to the N., moving swiftly from the E.S.E Scud forming to the N. of Geikie Land, moving a short distance from the E.S.E. and then disappearing. Brilliant prismatic sunrise in broad well-defined bands. At the base a broad purple-black band representing the shadow of Cape Adare, and above this the spectrum colours from purple to blue. A glazed frost over everything. Temperature dropped to plus 1° F. during the night.

12 noon. Scud off Geikie Land. Strato-cumulus on the Northern horizon, otherwise clear. E.S.E. wind sprung up about 9.45, being heralded by an indraught from the N.W. a few minutes before. An hour or two before the wind reached us drift was blowing off Warning, and Sir George Newnes Glaciers and off Cape Adare. Anemometer readings :—8585,72 ; 8586,19 ; 8586,61 ; 8587,15.

2 p.m. Anemometer readings :—8655,90 ; 8656,75 ; 8657,36 ; 8658,74. Barometer steady. Temperature falling. Strato-cumulus on the Northern horizon, otherwise the sky is clear.

April 10*th*, 1911—continued.

4 p.m. Anemometer readings :—8766,79 ; 8767,75 ; 8768,77 ; 8769,59. Northern half of the sky is clouding over. Cirrus and Cirro-cumulus from the N.E. to N.W. Barometer falling steeply. Temperature falling slightly.

6 p.m. Wind has reached hurricane force in gusts. Anemometer readings :—8880,13 ; 8880,86 ; 8882,13 ; 8883,04 ; 8884,12 ; 8885,06 ; 8886,41 ; 8887,56.
Barometer falling. Temperature steady.

April 11*th*, 1911.

2 p.m. The wind reached its strongest at 12 p.m. last night, and from then gradually decreased. At the 6 a.m. observations it was from force 6 to 8, and at the 8 a.m. observations from force 5 to 6. Unfortunately, the anemometer was torn from its place last night, and accurate readings are not possible until it is refitted. The wind has swung gradually round until it is now S. 20 W., and blowing force 3 to 4.
Sky clear all day and full sun. The barometer dropped during the night and this morning stood at 28·54, but it is now slowly rising.
Temperature high this morning, but again slowly falling.

6 p.m. Sky clouded over from the N.E. and S.W. A bar of Strato-cumulus has thus formed across the zenith down to 20° above each horizon.
Mountains hidden above 4,000 feet.
Slight S.W. airs. Barometer rising. Temperature falling.

April 12*th*, 1911.

6 a.m. Sky covered with dense snow-cloud. Barometer rising.
Thermometer steady. Wind of force 1.

8 p.m. Sky cleared this morning and remained clear all day, except for Strato-cumulus on the horizon to the N.
Barometer rising and temperature falling.
All minimum observations to-day are unreliable, for both had bubbles in them after the gale. The Terrestrial Radiation thermometer is so bad that I have had to retire it from action (M.O. 3457), and have replaced it with M.O. 3445. The Minimum thermometer proper I managed to save.

April 13*th*, 1911.

8 a.m. Sky clouded with dense snow-cloud. Granular snow falling. $\frac{1}{4}$ inch of snow fell yesterday and about $\frac{1}{8}$ inch last night.

10 a.m. No change. Slight westerly breeze. Barometer high. Temperature steady.

8 p.m. Barometer highest yet, 29·632. Temperature falling slowly. Westerly airs or calm all day. Sky cleared during the day, but again overclouded with Strato-cumulus to night.

April 14*th*, 1911.

8 a.m. Barometer unusually high—29·764. Thermometer risen a little.
Wind blowing from N. 70 E., force 3 to 5. Sky covered with dense snow-cloud. Snow-cloud on Cape Adare at 1,000 feet. Mountains obscured above 4,000 feet. Heavy cumulus off the glaciers.

2 p.m. Wind blew force 2 to 4 from the N.W. from 12.30 to 1 p.m., then swung to S. 45 E., and is now blowing up to force 8. Anemometer readings :—9380,79 ; 9381,36 ; 9382,09 ; 9382,76. Barometer falling and temperature rising.
Heavy drift. Sky obscured by dense snow-cloud.

April 14th, 1911—continued.

4 p.m. Anemometer readings:—9458,52; 9459,12; 9459,93; 9460,66. Barometer falling. Temperature rising. Very heavy drift, must have had heavy snow to the southward of us, or the summer crust must have been worn from the plateau snow and the wind has been able to reach the powdery snow beneath.

6 p.m. Barometer falling and temperature rising. Wind strong and drift very heavy.

8 p.m. Barometer falling. Temperature high and rising. Wind up to force 12 in gusts. Average about 50 miles per hour. Heaviest drift yet experienced.

April 15th, 1911.

6 a.m. Temperature abnormally high. Barometer about the same as last night. Slight N.W. wind. Anemometer was again unscrewed by the wind last night, but no damage was done. Sky obscured by dense and broken snow-cloud. Snow-squalls to N. and S.

8 a.m. Heavy drift moving along Cape Adare from the S.S.E. The clouds to the W. appear as blunt-nosed cones with their points directed towards the W.N.W. Temperature high, plus 21° F. Barometer steady. The thermograph was completely snowed in this morning, but I have cleared it and find that it was working quite well.

12 noon. Temperature high and rising. Barometer falling. Drift moving now from E.S.E., and now from the S.E. on Cape Adare, also from Warning Glacier and Sir George Newnes Glacier. Flocks of Antarctic and Snowy Petrels have come inshore, and this points to heavy weather at sea.

Sky obscured with snow-cloud. Cumulus at intervals in the bay in front of the Western Mountains. N.W. wind of force 3 blowing here.

2 p.m. Wind varying between W.N.W. and E.S.E. Force 1 to 0. Temperature falling slightly. Barometer rising. Sun shining through snow-cloud haze.

4 p.m. Temperature falling. Barometer rising. Southerly and easterly airs. Clearing to W. and S.

6 p.m. Calm till 5.30. Now South wind of force 3 to 4. Barometer rising a little.

8 p.m. Sky clearing. Cirro-cumulus radiant, radiant point N. Wind due S. Blowing fairly hard. Temperature and barometer steady, both fairly high.

April 16th, 1911.

8 a.m. Wind force 2, S.IOW. Clear to the S., but otherwise the sky is clouded with stratus moving slowly from the E.S.E. Temperature steady. Barometer high.

10 a.m. Sky cleared except stratus to N. and scud moving from the E.S.E.
Wind increased a little. Barometer rising. Temperature steady.

4 p.m. Sky has clouded over again. Slight S. breeze all day, force 4 to 2.
Barometer high and rising. Thermometer falling steadily but slowly. Mountains shrouded in cloud above 5,000 feet.

8 p.m. Heavy Nimbus cloud on the southern horizon. Sky clouded with Stratus. Wind S.IOW. force 2 gradually decreasing. Barometer high and rising. Temperature falling slowly.

April 17th, 1911.

6 a.m. Calm or westerly airs. Slight granular snow falling.
Sky covered with Stratus. Deep black cloud along the southern and western horizons. Barometer still high, 29·666. Thermometer falling.

April 17*th*, 1911—continued.

12 noon. Very little change. A few granules of snow falling. Clouds a trifle heavier and without definition. Snow haze over Cape Adare.
Barometer and temperature steady.

2 p.m. Snow slightly thicker. This morning the grains were of the size of a pin's head ; this afternoon they are $\frac{1}{8}$ inch in diameter.

4 p.m. Snow increased slightly this afternoon about 3 o'clock.
Everything blotted out by the snow-cloud except Cape Adare. Calm or Westerly airs. Barometer falling. Temperature steady.

8 p.m. No change in the situation. Barometer still falling slightly. Temperature steady.

April 18*th*, 1911.

6 a.m. Barometer fallen four-tenths during the night. Temperature rising.
Wind is force 1 from S. 40 W. Sky still obscured with dense snow-cloud. Clearing to W. and S. Very few crystals of snow falling.

8 a.m. No change. Wind swung a little more to the S.

10 a.m. Barometer steady. Temperature falling. Clouds much the same. Wind back again to S. 40 W.

2 p.m. A few crystals of snow falling. Six-rayed stars simple and compound, about $\frac{1}{12}$ inch in diameter. Clearing from the S., showing light Stratus above the snow-scud. Calm. Barometer and thermometer steady.

4 p.m. Cirro-stratus radiant, radiant point N.W. Scud over Cape Adare moving rapidly from the S. Heavy Strato-cumulus on the N. and W. horizons.

6 p.m. Southerly wind struck us about 4.30, and was heralded by drift from the glaciers and off Cape Adare. Cirro-stratus radiant, radiant point N.W. Stratus on the northern horizon. Scud and snow-cloud over Geikie Land and Cape Adare. Barometer falling and temperature rising.

8 p.m. Situation unchanged. Sky not made out.

April 19*th*. 1911.

6 a.m. Wind dropped a good deal. No drift. Sky clouded over again. Anemometer came unscrewed during the night. Barometer steady.
Temperature falling.

8 a.m. No change.

10 a.m. Clearing a little to the W. Dense black snow-cloud and drift to the S. Temperature steady. Barometer rising. Wind S., force 3 to 4.

12 noon. Heavy snow-cloud with falling snow to the S. and W. A few grains falling here. Wind continues from the S. Temperature steady. Barometer rising.

2 p.m. Clearing from the S. Temperature falling slowly.

8 p.m. Minus temperatures. Barometer steady. Wind swung to the S.E. and rising. Very little drift.

April 20*th*, 1911.

8 a.m. Anemometer broken. Minimum dumbbell shaken down to minus 26° F.
Scud forming on Geikie Land, driven N. and disappearing. Strato-cumulus on the northern horizon. Wind S., force 2 to 3.

April 20th, 1911—continued.

10 a.m. Alto-stratus to N. trending N.W. and S.E. Scud forming over Geikie Land and the Western Mountains and driving rapidly from the S.
Southerly breeze swinging to the W. and increasing a little.
Barometer rising and temperature steady.

4 p.m. Bright opalescent clouds at 2.30 p.m., the colours are greens and pinks.
At present heavy snow squalls S.W. to W. and N.W. Scud moving up rapidly from S. to join it. Cirro-stratus radiant with raidant point to the S.W. Wind unchanged. Barometer rising. Temperature falling steadily.

6 p.m. Sky almost entirely clouded with snow-cloud in dense cumuliform masses of large individual size. Wind dropped to force 1. Barometer rising. Temperature falling slowly.

8 p.m. Temperature falling and barometer rising. A few grains of snow falling. Sky almost overcast

April 21st, 1911.

6 a.m. Barometer fallen. Temperature rising slightly. Very little wind but from the S.E. Very thick, the glaciers are blotted out altogether.
Sky covered with dense snow-cloud in cumuliform masses. $\frac{1}{8}$ inch of snow during the night. Slight snow falling now.

8 a.m. Granular and spicular snow falling. Calm. Barometer steady.
Temperature falling slightly. Sky totally obscured by dense snow-cloud.

10 a.m. Temperature falling. Barometer rising. Clearing from the N.
Dense snow-cloud and falling snow still to E.,S. and W. Calm.

2 p.m. Snow clouds reduced to a local storm round Geikie Land. Barometer rising slightly. Temperature steady. Dense belt of Stratus to the N. Calm.

4 p.m. Clouds moving rapidly from the N.W. Sky almost overcast. There is still a slight break N. of Geikie Land. Calm, with easterly airs.
Temperature falling, barometer steady.

8 p.m. Calm. Barometer rising. Temperature rising a little. Sky completely overcast with dense snow-cloud. Granular snow falling.
At 7 p.m. there was a gust of E.S.E. wind of force 4 for a minute or two.

April 22nd, 1911.

Calm and overcast with cumuliform Nimbus. Slight snow in very small grains falling. Temperature still below zero. Barometer fallen since last night.

8 p.m. No change in the weather during the day except slightly more or less overcast. Calm all day or easterly airs. Barometer slowly falling.
Temperature risen slightly.

April 23rd, 1911.

8 a.m. Calm and bright. Southerly airs. Temperature falling.
Barometer risen slightly, almost steady. Brilliant prismatic sky to the W. Cirro-cumuliform scud moving from N.W. and banking up to the E.

6. 30 p.m. Browning reports a very bright halo close round the moon. White near the moon through bluish white to blue.

10 a.m. Sky cleared completely, except for a few scud-clouds moving from the N.W. The shadow of Cape Adare shows as a triangle of darker sky to the S. and is bounded by a well-defined dark line. Temperature falling. Calm. Barometer rising.

April 23rd, 1911—continued.

2 p.m. At 11.15 a breeze started blowing in gusts from the S.W., and brought with it snow-scud across from the mountains, banking it up on Cape Adare.

Immediately under the cloud a fog began to form on the Cape. At 12 o'clock Browning noted the scud moving from the S.E. along Cape Adare, and a quarter of an hour later the sky was clear, except for a roll of Strato-cumulus to the N., which is being fed by frost smoke off the open water. At present it is calm with south westerly airs. Temperature and barometer fairly steady.

8 p.m. Calm. Temperature oscillating. Barometer rising a little.

Clear. Cumulus off Cape Adare. Strato-cumulus along the Northern horizon. Scud or snow mist on the southern part of Cape Adare.

April 24th, 1911.

6 a.m. Barometer risen. Calm or southerly airs. Temperature low.

Sky clear except for a strip of cloud on the Northern horizon.

8 a.m. Fine prismatic sunrise. About 8 a.m. scud formed to leeward of Cape Adare in some quantity and travelled fast from the N.W. It has now almost ceased forming. A little condensation cloud on Cape Adare, Mt. Minto and the Glaciers. Strato-cumulus on the horizon.

Temperature and barometer steady.

10 a.m. On these bright days the shadow of Cape Adare shows in the morning as a broad blue-black band underneath the purple of the prismatic sunrise colours on the western horizon, and as the sun rises this band sinks until it impinges on the bay and loses its definition. About this time, however, the shadow becomes well marked as a triangle of darker sky to the S.E. and S. bounded by a well-defined straight line. This triangle gradually decreases in size till it finally disappears.

12 noon. Barometer rising. Temperature oscillating. The barograph had run down on Sunday afternoon. I suppose that I had not fully wound it up the previous Monday. The thermograph is showing a fall of only 4° for 16° F. It has worked rather better for the last two days showing one or two small variations.

If it does not improve during the week I shall be inclined to try it in here for a week and experiment with it. It is impossible to keep it in the screen owing to the drift. It is at present in a venesta box and has been exposed quite freely to the air during the whole of last week.

Alto-stratus trending N.W. and S.E. above the northern horizon. The Strato-cumulus on the northern horizon is being constantly fed by the sea-smoke.

2 p.m. After a good deal of trouble I have managed to re-set the anemometer and start it going again. How long it will last I don't know. Glazed frost very thick on the Sunshine Recorder.

4 p.m. About 3.30 the sun disappeared behind the Strato-cumulus along the horizon to the N.W. A breeze of force 3 to 4 sprang up from the N.E. and immediately Stratus-clouds formed along the mountains S. of Sabine.

Geikie Land was obscured and the Glaciers filled with mist, while scud was formed on Cape Adare and carried S. and banked up against the clouds there. Besides these clouds a quantity of scud was brought from the N.E. by the wind. This latter was probably the frost smoke being blown inland.

The temperature has risen 6° Barometer steady.

6 p.m. Temperature fallen 5°. Barometer fallen. Ice crystals separating out on everything outside. Heavy glazed frost on all glass instruments and ice is separating out of the air as rods, spicules, and grains.

A band of Stratus and Strato-cumulus to the N. Scud on Cape Adare. Calm.

8 p.m. Calm and bright. Temperature steady and barometer rising.

April 25th, 1911.

6 a.m. Barometer and temperature risen. The latter has risen 8° during the night. Calm and fairly clear. It is very hazy, as shown by the dimness of the stars and the whitish ring round the moon.

8 a.m. Barometer and thermometer steady. Sky cleared during the observations from B. 5 C. 5 to B. 7 C. 3.
The clouds are Stratus and dense Nimbus with Cirro-cumulus between.
They are moving rapidly from the N.W. Alto-stratus over Geikie Land.
Slight southerly airs.

10 a.m. Barometer rising slightly. Sky overcast with light Stratus, except over Geikie Land. No record on Sunshine Recorder yesterday, because of glazed frost over the glass sphere.

12 noon. Sky completely overcast with Stratus. Barometer and thermometer steady. Southerly airs.

2 p.m. Sky cleared to the S. and N. Sun shining. Easterly and southerly airs. Scud moving under Stratus from the N.W.

8 p.m. Temperature risen. Barometer high. Calm. Sky clear, except for Stratus with radiant point N.W.

April 26th, 1911.

6 a.m. Sky completely overcast with heavy Nimbus. A few flakes of snow falling. Slight wind from S. 10 E. Barometer steady and high. Temperature high, plus 14°.

8 a.m. We are shrouded in a snow fog which feels very like a Scotch mist.
Cape Adare is blotted out above 200 feet. All other land obscured. Calm.

10 a.m. Snow falling as simple and compound stars either singly or in flakes.
Barometer rising. Temperature steady.
Heavy glazed frost on the Sunshine Recorder glass sphere and card, and no burn in spite of several hours' sun.

12 noon. Flake-snow falling. Compound stars of many types.

8 p.m. No change. Flakes of snow falling. About $\frac{3}{4}$ inch of snow during the day. Barometer and thermometer steady and high.

April 27th, 1911.

6 a.m. Barometer falling. Temperature steady. Granular and spicular snow falling. Slight N.W. wind. Overcast and thick.
$3\frac{1}{4}$ inches of snow during the night.

8 a.m. Snow still falling as rods, spicules, and crystals consisting of a central grain about half as big as a pin's head, with spikes sticking out in all directions.

4 p.m. 5 inches of snow since the last wind by measurement of stakes in the lakes.

8 p.m. Calm overcast weather continued till 6 p.m., when a Southerly wind of force 1 to 4 commenced blowing. Barometer steady. Temperature falling.

April 28th, 1911.

8 a.m. S.E. wind of force 4 to 6. Little drift, all local. Sky still obscured. Barometer and temperature fallen slightly.

6 p.m. Similar situation all day. Clearing now towards the zenith.

8 p.m. Cleared considerably. Continued drift. Temperature falling slowly but steadily. Barometer steady.

April 29th, 1911.

6 a.m. Temperature rising. Barometer fallen very slightly. Slight southerly airs. Granular snow falling in very small grains.

Anemometer altogether untrustworthy because of friction. Will make another attempt to mend it.

8 p.m. Southerly wind of force varying from 2 to 5, and direction from S.E. to S.W. blowing all day. Fine spicular snow falling.

Cleared from the zenith about 6 p.m., overcast till then. Temperature and barometer steady.

April 30th, 1911.

9.30 a.m. Overslept and missed the 6 and 8 a.m. observations this morning. The wind blew hard last night and the position of the drifts show that it still blew from the S. This morning is calm and fairly clear.

8 p.m. Calm and clear all day. Temperature falling. Barometer rising.

May, 1911.

May 1st, 1911.

6 a.m. Clear. Calm. Temperature low and barometer high.

10 a.m. Cirro-stratus and Cirrus Radiant, radiant point N. Scud moving across sky in front of Nimbus clouds from the East. Temperature rising. Barometer falling slightly.

8 p.m. Cloudy, calm day. Temperature rising and barometer steady.

May 2nd, 1911.

8 a.m. Clear and calm. Barometer fallen a little. Temperature rising.
Fracto-cumulus clouds rather whale-backed in shape, moving from the S.E.

6 p.m. Calm and clear. Temperature and barometer steady.

8 p.m. N.W. wind at 7, force 3. At the 8 o'clock observation the wind was S. to E. force 1. Barometer rising and temperature falling slightly.

May 3rd, 1911.

10 a.m. Calm and steady. Clouds from the N.W. covering the Northern half of the sky. Barometer steady and temperature high.

8 p.m. Bright and calm till the afternoon, then clouding over. A little snow falling at the 8 p.m. observations. Barometer steady. Temperature oscillating.

May 4th, 1911.

8 a.m. Heavy snowclouds to N. and S. Scud along Cape Adare.
Calm. Clear at zenith. Barometer fallen. Temperature steady.

10 a.m. Southerly wind of force 4 blew from 9 a.m. to 9.30 a.m. There has been a long lull since. Can make out no movement in the upper clouds.
Scud forming on Cape Adare.

12 noon. Granular snow falling very lightly. Heavy Nimbus-clouds to S. and S.E. Slight wind from the S.E.

2 p.m. Slight granular snow falling. Heavy Nimbus to S. and W. Slight wind from S.

8 p.m. Fine granular snow falling, a snow dust. Sky is clear and stars are shining through a haze and the snow is like a frozen mist. Westerly airs. Barometer and thermometer steady.

May 5th, 1911.

8 a.m. Overcast. Slight snow falling in grains about the size of a pin's head. ½ inch of snow during the night. Barometer fallen. Temperature has been low but is now above zero again.

6 p.m. Overcast weather all day. Wind varying from calm to N.E. 1 to 3 and S.E. 1 to 4. Southerly wind is just setting in now with low intermittent drift. Clearing a little to the N. Temperature rising barometer falling slightly.

8 p.m. Barometer falling. Temperature rising. Wind of force 6 to 7 blowing from E. to E.S.E. Heavy drift.

May 6th, 1911.

8 a.m. Has been blowing up to force 12 for several hours, pebbles flying in the gusts. Not very thick drift.

6 p.m. Wind decreased gradually during the day until at 4 p.m. it was force 8 to 9. At 6 p.m. the wind had swung to S. to E. and had decreased to force 4 to 6. Heavy snow was falling in flakes of spicules and grains.

May 7th, 1911.

8 a.m. Heavy sky to the S. Strato-cumulus streaming to the N.W. off Geikie Land. Scud to the N. blowing from the S.E. Drift coming off Cape Adare. Barometer and temperature high.

8 p.m. Wind from S.E. to E. all day. It gradually increased until now blowing fairly steadily at force 10 and in gusts up to force 12. Heavy drift is flying. Sky overcast all day. Barometer reached a high level this morning. It has fallen again during the latter part of the day. Temperature steady plus 13° F. to plus 15° F.

May 8th, 1911.

8 a.m. Wind blowing with hurricane force all night. Steady wind this morning with little drift. Barometer shows peculiar path during the last two days. At present it is falling. Temperature remains steady.

12 noon. Heavy whale-backed cumulus forming over the sea to the N. and underneath the Nimbus pall. Scud and Cumulus forming and moving from the E.S.E. Wind unchanged. Very slight drift. Temperature and barometer rising.

2 p.m. A slight snow is being driven along by the wind in small clots, about ⅛ inch in diameter, composed of aggregations of very tiny particles of ice. It is quite different in appearance from ordinary drift. To windward of us is a heavy snow-cloud capping Cape Adare.

8 pm. Wind still strong but decreasing in force and lulls are more frequent, though the gusts are as strong as ever. The sky is lightening and the clouds are higher. Temperature high and steady. Barometer normal and rising slowly.

May 9th, 1911.

No change.

2 p.m. Wind continues stronger than at any time since the first night.
There is more definition in the clouds. The lower portion N. of us is arranged as Stratus in a steep cone with its point to the N.N.E.
Strato-cumulus with light spaces between to the S. and S.E.

8 p.m. Wind continued all day, is now becoming more gusty. Force in gusts incredible, but lulls more frequent and more decided. Sky cleared a little about 7 p.m., but is now again overcast with Strato-cumulus.
Very little drift all day, barometer falling slightly.

May 10th, 1911.

8 a.m. Wind decreased and swinging towards the S., very gusty. Barometer rising and temperature very high.

4 p.m. Wind decreasing. Barometer rising and temperature falling slightly.
About 3 o'clock Campbell called my attention to a curious Cirrus-like appearance of the lower portion of the snow-cloud. This was drawn out into long wisps trending S. and N.

8 p.m. Wind still strong and gusty. Temperature falling and barometer rising slightly.

May 11th, 1911.

8 a.m. Wind decreased considerably. Clouds much the same. Thick to the S. Barometer and temperature rising.

8 p.m. Temperature rising and barometer falling. Wind increased in hurricane force and swung to E.S.E. Moon shining through indefinite snow-cloud haze.

9 p.m. Dickason reports snow.

May 12th, 1911.

8 a.m. Wind blew as hard as ever for several hours last night from the E.S.E. This morning it had decreased considerably and swung to the S. 20 E. Barometer has been steady all night. There is a band of Cumulus and Scud across the sky from the S. via the zenith to the N. Also a little nimbus to the S. and Stratus on the Northern horizon.
Condensation clouds are streaming from the mouths of the glaciers. The temperature here remains high.

10 a.m. Cirro-stratus and Alto-stratus radiant, radiant point E. Scud and Cumulus moving slowly from the S. Temperature risen to 24° F.
Barometer risen slightly.

8 p.m. Barometer rising slightly, temperature falling. Wind still strong.
Sky cleared a good deal.

May 13th. 1911.

Wind swung to the S. and decreased considerably. Sky clear except for Stratus low down on the horizon, to the N., and a strip of Stratus and Scud from the S., over Cape Adare to the N. Barometer steady and temperature falling.

8 p.m. Bright with southerly wind gradually decreasing in strength until 4 p.m. Overcast and calm or N.W. airs since then. Barometer steady and temperature falling steadily.

May 14th, 1911.

8 a.m. Wind N.W. of force 1. Slight granular snow. Barometer and temperature falling. Sky overcast.

8 p.m. Barometer falling slightly all day. Temperature falling steadily.
Overcast with a little granular and spicular snow Calm or light N.W. airs changing to E. in the evening. $\frac{3}{8}$ inch snow all day.

May 15th, 1911.

8 a.m. Calm, overcast weather. Granular and spicular snow falling.
Temperature falling steadily but slowly. Barometer as last night.

8 p.m. Granular snow. Overcast and calm. Barometer low but steady.
Thermometer steady. Moon shining through cloud haze.

May 16th, 1911.

10 a.m. Barometer falling. Temperature rising. W. wind of force 1.
Overcast and heavy granular and spicular snow.

12 noon. E. wind of force 4 to 8. Heavy drift and falling snow.
Barometer falling and temperature rising.

8 p.m. Wind of hurricane force blowing. Little drift and snow ceased. Barometer lowest since arrival. Temperature risen.

May 17th, 1911.

4 a.m. Wind almost completely died down and only occasional gusts from the S. Barometer risen and temperature the same as last night.
Sky fairly clear only light Cirro-cumuliform clouds and scud.

6 a.m. Rather less cloud. Temperature and barometer steady. Wind unchanged. Close halo round the moon. Broad white ring contiguous to moon and then brown ring, deepening to a thin line of dark reddish brown, then outside this a broad green and blue ring.

8 p.m. Calm and overcast day. What wind there has been has been from the W. and N.W. Slight spicular and granular snow all day, but not more than $\frac{1}{4}$ inch *in toto*. Barometer risen and temperature steady.

May 18th, 1911.

2 a.m. Moon shining through cloud haze. Wind in gusts now from the S. and now from the E. Barometer falling and temperature rising.

4 a.m. Moon shining through Nimbus cloud haze. Wind steady from W.N.W. bringing spicular and granular snow.

6 a.m. Gusts of wind from the E.S.E. bringing granular snow.

11 a.m. About 7 the wind from the E.S.E. set in finally and rapidly increased until now blowing with hurricane force. There is a good deal of drift.
The temperature has risen several degrees and the barometer is falling steeply.

8 p.m. Wind continued all day with or without slight snow. Overcast all day, but inclined to clear at 8 p.m. Barometer steady after two steep drops separated for an hour or two by a straight line. Temperature high and rising at last observation.

12 midnight. Wind decreasing. Barometer rising. Temperature rising. Some definition in clouds.

May 19th, 1911.

8 a.m. Wind decreased until 6.30 a.m., and then began again with some force.
It is now blowing a strong gale. Barometer steady. Thermometer fallen since last reading.

8 p.m. The southerly wind has fallen completely. There is a slight draught from the N., bringing heavy spicular and granular snow. Barometer rising steeply and temperature falling. Sky overcast. Although during a considerable part of the day about half of the sky has been free from definite cloud, it has been partially obscured by a haze through which the moon and later the aurora showed as a pale but definite glow.

May 20th, 1911.

8 a.m. Barometer falling. Temperature steady. Clear and calm.

8 p.m. Barometer and temperature steady. Calm and overcast with slight granular snow. $\frac{1}{8}$ inch snow all day.

May 21*st*, 1911.

8 a.m. Barometer rising slightly, temperature steady. Calm or S.W. airs. Overcast.

8 p.m. Barometer steady and temperature falling. Overcast all day. Slight granular snow from time to time, but all day less than a quarter of an inch has fallen.

May 22*nd*, 1911.

2 a.m. Calm and clear. Moon shining through a slight haze.
Barometer steady and temperature falling.

8 a.m. Calm and bright. Barometer and temperature steady.
Scud forming on Cape Adare and moving rapidly from the S.
Warning and Sir George Newnes Glaciers hidden by dense bank of fog.
Strato-cumulus on the Northern horizon.

12 noon. Calm and bright. Barometer steady. Temperature rising a little.
Glaciers have cleared but dense scud moves quickly off Cape Adare.
Every now and then gusts drive dense drift off the N. end of Cape Adare and occasional whirlwinds of drift are to be seen over Warning Glacier. At times E.S.E. gusts of force 2 to 3 have reached us and for some time there was slight north wind. Now it is calm.

2 p.m. Clear. Wind from N.W. of force 1. No drift or scud in sight.
Strato-cumulus on the Northern horizon. One or two cumulus clouds upon the Western Mountains.

8 p.m. Calm and bright all the afternoon and evening until now. There has been no signs of wind on Cape Adare, since those last recorded. Barometer rising and temperature falling.

May 23*rd*, 1911.

2 a.m. N.W. airs. Granular snow falling. Very thick weather Barometer falling slightly and temperature steady.

8 a.m. Southerly wind commencing. Drift and scud flying north off Cape Adare. Sky overcast except for break to N. and N.E.
Heavy granular snow fell last night. It was blown into drifts as it fell.
Over $1\frac{3}{4}$ inch of snow in all since the last blizzard May 4th to 14th.

8 p.m. The day has turned out quite calm and bright with a steady barometer and a steadily falling temperature.

May 24*th*, 1911.

2 a.m. Temperature and barometer steady. Slight spicular snow falling out of a very thin haze.

10 a.m. A slight wind from the S.W. Thick snow cloud to the S. and S.E. Glaciers obscured. Barometer falling slightly. Temperature steady. $\frac{1}{4}$ inch of snow since last noted.

8 p.m. Fine calm weather. Bright this evening. Snow-cloud still hangs about the glaciers. Barometer and temperature slowly falling.

May 25*th*, 1911.

2 a.m. Very bright. Calm. Barometer steady and temperature falling.

8 a.m. Very bright. Calm. Barometer rising and temperature steady.

8 p.m. Calm and bright all day. Not a cloud in the sky. Barometer rising and temperature steady.

May 26*th*, 1911.

2 a.m. Calm and clear. Barometer and temperature steady. No clouds.

May 26th, 1911.

8 a.m. Calm and clear. Barometer and temperature steady. No clouds.

4 p.m. The wind blew quite sharply from the W.N.W. for a few minutes before 4 p.m., but at the observations it was again calm.

8 p.m. Calm and bright. No clouds. Temperature and barometer steady.

May 27th, 1911.

2 a.m. Quite clear. Temperature and barometer steady. Calm.

4 a.m. Calm. Barometer steady and temperature rising. Spicular ice crystals falling out of a haze which does not hide the stars or aurora.
Glazed frost on the instruments.

10 a.m. Whirlwind of drift or sea-smoke over the ice to the N., moving very fast from the S. Prismatic sky to the S., grey and red. Scud moving very rapidly over Cape Adare.

8 p.m. Fine and calm or Westerly airs all day. Barometer rising. Temperature steady.

May 28th, 1911.

8 a.m. Fine calm weather continues. Temperature steady.
Barometer steady and high.

10 a.m. Calm. Barometer rising and temperature steady. Glaciers obscured by snow-cloud and similar clouds forming on the N.E. side of Cape Adare. They are moving with moderate speed from the S.E.

8 p.m. No change in the weather. Temperature steady and barometer falling.
This morning Abbott and I walked beyond the shelter of Cape Adare and all the time we were N. of the Cape we were harassed by a very bitter S.W. wind of force 4 to 5. This wind was not recorded from camp, and we lost it ourselves directly we regained the shelter of the peninsula.

May 29th, 1911.

4 a.m. Calm or slight N.W. winds. Clear. Barometer and temperature falling.
I smashed the Maximum Thermometer yesterday and shall have to replace it by our spare one. The new number is M.O. 3440.

10 a.m. Stratus-clouds across Geikie Land. Stratus with a fringe of scud is spreading fan-wise from a focus to the N. of Cape Adare over the sky to the E., S. and W. The thermograph clock stopped last Thursday and ruined the week's record. I have managed to start it, but if it refuses to work I must try the spare clock. Calm or N.W. airs. Barometer falling and temperature low.

8 p.m. The sky cleared again from the zenith this evening. Calm all day or slight airs from the W.N.W. Barometer still falling slightly. Thermometer steady till 6 p.m. and then rose 6°.

May 30th, 1911.

2 a.m. Calm and clear. Barometer and temperature steady. No clouds.

10 a.m. Calm and clear. Barometer rising and temperature steady. No clouds.
A curious dark bar of shadow stretches from the horizon at about N.N.W. at an acute angle right across to above the Western Mountains. It seems unlikely that this is a cloud shadow, as I have observed it several times in nearly the same place. Perhaps there is some island or berg that just catches the rays of the sun.

May 30th, 1911—continued.

7 p.m. Calm. Bank of clouds spreading over the sky from the westward.
N.W. wind about force 5 to 6 blew for a few minutes about 3.30 p.m.
Slight southerly gusts this morning carried drift off Cape Adare and the sea-ice to the N. of us. Temperature rose 10° for two or three hours this afternoon, but is again falling.

May 31st, 1911.

12 noon. Calm. Completely overcast. Nimbus spreading outward from Cape Adare. Barometer steady. Temperature rising.

8 p.m. Calm and clear. Clouds dispersed again this afternoon, from the zenith first and then from the horizon. Barometer steady. Temperature risen.

June, 1911.

June 1st, 1911.

2 a.m. Calm. Clear. Barometer steady. Temperature risen slightly.
A little Stratus on the northern horizon.

10 a.m. Calm. Clear. A little Strato-cumulus to N. Temperature and barometer rising.

8 p.m. All day since 11 a.m. scud and drift have been moving rapidly to the E.S.E. off Cape Adare and Warning and Sir George Newnes Glaciers. Here the weather remained either calm or with slight southerly or north-westerly airs until 5.45 p.m., when a strong southerly breeze set in which has since increased to force 10 or 11. Much drift accompanies the wind and some of this may be falling snow, but it is impossible to be certain with the night as dark as it is. The temperature had jumped 20° and the barometer is falling in steep jerks with steady pauses between.

June 2nd, 1911.

2 a.m. Overcast. Slight southerly wind force 5 to 6. Barometer rising slightly and temperature steady and high.

10 a.m. Overcast. Slight southerly wind. Temperature remains high and barometer rising slightly.

8 p.m. Barometer rising. Temperature higher still. $\frac{1}{4}$ inch snow to-day and last night. All fell as granules or spicules of small size. Wind increasing from the S.

June 3rd, 1911.

2 a.m. Clear with southerly airs. Dense cloud on Geikie Land.
Barometer and temperature steady.

10 a.m. Calm and clear. Temperature falling. Barometer rising. A little Stratus over Geikie Land.

10 p.m. Fine clear day. Calm. Barometer steady. Temperature falling.
Haze over the sky this evening and glazed frost forming on the instruments. Evidently the air has reached saturation point.

June 4th, 1911.

2 a.m. Clear but slightly hazy. Barometer steady. Temperature falling slightly. Stratus to N.

10 a.m. Sky clouded over very lightly with fleecy Cirro-cumulus. Dense bank of Stratus on the northern horizon. Southerly airs. Barometer steady. Temperature risen.

June 4th, 1911—continued.

2 p.m. A W.S.W. breeze has been blowing since noon and dense snow cloud has formed first on the Western Mountains and then from Cape Adare southwards and westward until now the whole sky is obscured.

4 p.m. Fog very dense. Cape Adare obscured. Heavy frost being depositied everywhere.

8 p.m. No change.

June 5th, 1911.

2 a.m. Barometer and temperature steady. Nimboid haze over half the sky, thinning towards the zenith. Precipitation continues.

10 a.m. Sky totally obscured by snow-cloud haze. Barometer falling and temperature rising.

8 p.m. Barometer steady. Temperature rising. Gusts of S.E. wind. Sky partially clear. Halo of 22° round the moon interrupted in its N.W. portion by the aurora.

June 6th, 1911.

8 p.m. Calm and clear all day. Southerly airs once or twice. Barometer rising slowly. Temperature falling slightly.

June 7th, 1911.

4 a.m. Clear and calm. Barometer steady. Temperature oscillating within a radius of a few degrees.

10 a.m. Barometer and temperature steady. Southerly airs or calm. Clear.

12 noon. A long line of Stratus at the foot of the hills to the S., stretching from S. to W.

2 p.m. Heavy Cumulus to N. Scud over Cape Adare.

8 p.m. Sky clouded from N. and E. with Stratus and Cirro-cumulus. Calm. Barometer steady. Temperature oscillating.

June 8th, 1911.

4 a.m. Barometer falling. Calm. Temperature falling. Thick haze and heavy white frost.

8 p.m. Clear and calm all day. Steady to rising barometer. Temperature is steady to falling.

June 9th, 1911.

4 a.m. Calm. Overcast. Slight snow falling.

10 a.m. $\frac{1}{4}$ inch snow during the night. Granules and spicules. Clearing towards the zenith. Temperature falling. Barometer rising.

10 p.m. Calm and clear. Barometer and thermometer steady.

June 10th, 1911.

10 p.m. Barometer rising and thermometer falling. Calm and clear.

June 11th, 1911.

10 p.m. Barometer rising slowly, thermometer steady. Calm and clear.

12 midnight. Halo round moon composed of the prismatic colours twice in succession. They were clear against the dark sky, but did not see the way they were arranged.

June 12th, 1911.

10 a.m. Calm or light southerly winds. Clear. Signs of approaching southerly wind, with scud forming on Cape Adare. Stratus on the northern horizon.

8 p.m. Only light variable winds all day. Warning and Sir George Newnes Glaciers are obscured with Stratus and Scud is forming on Cape Adare and banking up to the N.

10 p.m. Prismatic halo close round moon. Colours as follows:—Outside to inside: Red, green, blue, red, brown, white. The halo was well-marked when the moon was partly veiled with scud, but was also quite plain against the indigo blue of the clear sky.

June 13th, 1911.

2 a.m. Clear but slightly hazy. A few ice spicules falling out of the air.
Slight southerly airs. A little Stratus on the northern horizon and scud on Cape Adare.

4 a.m. Halo of 22° round the moon. Plain thin white band.

10 a.m. Slight N.W. breeze. Glaciers half obscured by mist. Clear. Barometer has been steady for several days. Temperature risen suddenly 5°.

10 p.m. At 11 a.m. whirlwinds of drift appeared on Cape Adare and moved rapidly from the S.E. Previously to this the Cape had been capped with scud for several hours moving in the same direction. From 1 p.m. to 6 p.m. inclusive a southerly wind of slight force (3 to 4, to 1 to 2) blew here in gusts, carrying low intermittent drift. The sky remained clear and now the wind has ceased for several hours and it has either been calm or light southerly airs. At the 10 p.m. observation a slight breeze from the S.E. was blowing but it was quite momentary.
Fine prismatic halo round the moon against the clear sky.
The sky is covered with a light hair-like scud in its northern or rather N.W. and S.W. quadrants. The temperature has risen several more degrees since my last night.

June 14th, 1911.

2 a.m. The temperature has again fallen to normal (−20° F.). Barometer rises slightly. Clear except for a few high scud clouds above Cape Adare.
Calm.

10 a.m. Calm. Between 6 a.m. and 10 a.m. the sky has become overcast with Stratus and Cumuliform-stratus through which the moon shows dimly. There is still a blue patch low down to the S. and S.W., and the glaciers are clear.
Barometer rising slightly. Temperature is oscillating within a radius of a few degrees.

12 noon. Soon after 10 o'clock the sky started to clear from the Eastward and is now clear except for a broad band of Strato-cumulus to the N. Another over Geikie Land and a little scud on the S.E. portion of Cape Adare. Quite calm since my last note.

2 p.m. Clouded over again from the E. and S. Clouds much as in last observation, with the addition of Cirro-cumulus near the zenith. Browning drew my attention to drift flying on Cape Adare just before lunch. Calm here.

8 p.m. The sky cleared again before 4 o'clock, except for a little Stratus on northern horizon. By 6 o'clock this also had disappeared, but at present a few scud-clouds are forming above Cape Adare and moving N.
Calm or light southerly airs. Barometer or temperature steady.

10 p.m. Sky clear of cloud. Slightly hazy in the upper atmosphere but no precipitation here. Prismatic halo round the moon (Moon, white, brown, purple, red, green, blue).

June 15th, 1911.

2 a.m. Calm or southerly airs. Clear, no clouds. Barometer and thermometer steady.

10 a.m. Calm or southerly airs. Clear, no clouds. Barometer and thermometer steady. Thermometer has risen 4 or 5 degrees since 8 a.m., when the reading was low −25° F. to −20° F.

2 p.m. Between 1 p.m. and 2 p.m. a broad band of Strato-cumulus fringed with Cirro-cumuliform scud formed from behind Cape Adare to the E. and spread over the sky in a N.N.W. direction. The temperature is falling. All the morning there has been a thin layer of tree-like cloud on the northern horizon which is probably the result of convection currents over an open lead of sea-water.

8 p.m. Calm and clear. The clouds gradually thinned after 4 p.m. until now there is only a thin band of Stratus on the horizon. Temperature falling slightly. Barometer steady.

June 16th, 1911.

4 a.m. Calm and clear. Stratus and scud are forming to the S. of us and on Cape Adare, and the glaciers are obscured. Barometer falling slowly. Temperature steady.

10 a.m. Calm clear. Strato-cumulus and scud to N. and S. Barometer and thermometer steady.

12 noon. Calm. Clear. Stratus stretches outward across Geikie Land from Warning Glacier at a height of a few thousand feet, and a long line of similar cloud stretches along in front of the mountains from S. to N.W.

It seems probable that this is due to convection currents above a freshly-opened crack. Similar clouds to the N. Dry bulb thermometer −31·8° F.; the first time it has passed −30° F.

2 p.m. Calm. Clear. Clouds have dispersed from the W. and S. and the cloud off Warning Glacier is much smaller. Heavy Stratus to N. from horizon to 15° altitude. Above this is a broad band of Cirro-cumuliform. Stratus reaching from N. 20 E. to N.W. at an altitude of 30°.

Temperature has risen again.

4 p.m. Calm or southerly airs. Cloudy. Dense snow-cloud capping Cape Adare and spreading northward to increase the bank of Stratus running from N. to N.W. The glazed frost has almost disappeared from the thermometers inside the screen. (The frost had lightly covered the instruments between 10 a.m. and 12 noon.) No clouds to S. and W.

6 p.m. Mushroom-shaped cloud spreading from Cape Adare. Stratus to N. dispersing. Glaciers clear. Calm. Cloudy.

8 p.m. Calm. Overcast. Barometer steady. Temperature risen 7°.

Cloud spread over the sky from Cape Adare until the only blue sky is a narrow strip from S. to N.W. near the horizon. Warning glacier is obscured, but only by clouds. A westerly wind of force 3 to 4 blew for a few minutes about a quarter to 7. The glazed frost has been entirely absorbed into the atmosphere from the instruments in the screen. A sharp southerly wind was reported from the end of Cape Adare this morning by Campbell.

10 p.m. Calm or northerly airs. Temperature still rising. Barometer steady.

Clouds thinning to W. and N. but still thick over Cape Adare.

June 17th, 1911.

4 a.m. Overcast at 2 a.m. but clearing now from N. and zenith. Thick clouds on Cape Adare and glaciers obscured. Calm to S. wind of force 1 to 2.

Temperature fell 11° to 2 a.m. but has risen 5° since then. Barometer steady. Close halo round moon showing through the scud.

Inner ring white, to brown, to green.

June 17th, 1911—continued.

10 a.m. Calm or easterly airs. Clear to cloudy. Slight haze indicated by whitish ring round the moon. Thick to S., glaciers obscured.

Stratus on the northern horizon and scud above Cape Adare and to the N.W. and W. Temperature steady. (Maximum reading is probably due to the way it was shaken by the previous observer.) Barometer rising.

4 p.m. Northerly airs or calm. Clear. Between 10 a.m. and noon the sky became overcast completely from the N. and E., and the mountains were blotted out from our view by a dense frozen fog while spicular snow began to fall.

So dense was the fog that only the blurred outline of Cape Adare was visible, but the precipitation was very slight, amounting to less than $\frac{1}{16}$inch in all. Between 3 p.m. and 4 p.m. the sky cleared from the zenith and now there are only left Stratus to the W. and N. low down on the horizon, and a shroud of Nimbus covering Geikie Land and the glaciers.

The temperature went up 8° when the fog settled, but has already decreased until nearly the same as the morning when the weather was clear.

Barometer rising.

8 p.m. Calm. Clear but hazy. A few ice spicules are falling. The clouds are unchanged, Barometer risen. Temperature steady.

10 p.m. Calm. Clear. No haze. Occasional southerly airs.

June 18th, 1911.

4 a.m. Southerly airs. Clear. Temperature falling slightly. Barometer steady, high with a slight tendency to rise. No clouds.

10 a.m. Calm or southerly airs. Scud and Stratus to N. Glaciers hidden by frozen fog or cloud. Hazy from zenith to W. Temperature steady and barometer rising. Whitish ring round the moon. Scud moving from S.E.

4 p.m. Calm to S.E. gusts of force 1 to 2. Between 10 a.m. and 2 p.m. the Nimbus haze again shrouded the greater part of the sky and blotted out all land but Cape Adare. It did not to-day, however, reach sea-level here but its lower level was on Cape Adare at 1,000 feet. It formed on Cape Adare as high columns of scud-like waterspouts or whirlwinds in shape and moving bodily from the S.E. at a fair pace. It is now clearing from the N. towards the zenith.

For the last 2 hours there has been continual noise from behind Cape Adare. Opinions are divided as to the cause of this noise.

Undoubtedly we all agree that the indirect cause is a southerly wind, but some of us think the noise to be due to pressure, due in its turn to a southerly swell or wind, and this opinion is strengthened by the fact that we did not notice this noise until the sea had been frozen over.

Campbell is inclined to believe that the noise is due to the wind striking Cape Adare itself. The barometer is high and steadily rising but the temperature has jumped several degrees since this morning.

6 p.m. At 5 p.m. Campbell noticed drift flying down off Cape Adare. At 5.30 a N.W. wind of force 2 to 4 was blowing. The sky became much clearer to the N. and N.E. and to the S. and S.W. At the 6 p.m. observations gusts of S.E. wind of force 2 to 3, carrying low drift, alternated with strong gusts from the N.W. carrying strong local drift. Lulls between these drifts were quite calm. The barometer has started falling. Temperature has remained constant since the last observation.

8 p.m. Southerly wind force 0 to 5. Low and intermittent drift. Clouds dispersed but still hazy. Temperature still rising. Barometer steady.

10 p.m. Southerly wind of force 6 to 9. Slight drift. Barometer falling. Otherwise no change.

June 19th, 1911.

4 a.m. Southerly wind of force 10 to 11. Hurricane force in gusts.

Barometer steady, has been falling rapidly. Temperature rising. Partly overcast and hazy. Slight drift. Pebbles flying in gusts.

At the midnight observations Campbell got his hands frostbitten and broke the Maximum thermometer in half. Unfortunately, this is our last, so these observations will have to be discontinued. I have unshipped the Minimum and Terrestrial Radiation thermometers as the wind blows their dumb-bells down into the bulbs. The thermograph has again given such an unsatisfactory record that I have brought it in, and am trying it in the hut for the week to see if its weakness is due to the cold, and to try and locate the trouble.

10 a.m. Wind still strong. Overcast. Barometer and temperature steady. Slight drift, all probably from Cape Adare.

10 p.m. The wind continued until between 6 p.m. and 8 p.m., gradually decreasing in force during the afternoon. At 8 p.m. the wind was still from the E.S.E. but was fairly steady in gusts of force 3 with long calms in between. Between 9 and 9.30 Dickason reported wind from the W., and at 10 p.m. a wind of force 0 to 2 was blowing from the N. The sky has cleared though still slightly hazy. The glaciers are still obscured. Barometer has risen quickly during the afternoon. The temperature has been steady to-day, about zero, but is now falling.

June 20th, 1911.

4 a.m. At 2 a.m. the weather was clear with northerly airs, though the glaciers were obscured, and there was a good deal of light Stratus and haze at low altitudes. Now the sky has been completely covered with Nimboid snow-cloud, so that the moon only shows as an indefinite light patch and a S.E. wind of force 1 is blowing. Temperature is inclined to rise and the barometer is steady.

10 a.m. Calm or southerly airs. Thickly overcast with a Nimbus fog.

Mountains blotted out and Cape Adare indistinct. $\frac{1}{4}$ inch snow during the night. Slight spicular and granular snow still falling. Temperature steady and barometer falling.

8 p.m. Calm. Clear except to S. and N. Slight haze and slight spicular snow falling from a clear sky. The total fall of snow last night and to-day may be roughly estimated at $\frac{3}{8}$ inch, and it has all been granular and spicular. The sky was completely overcast during the morning but cleared from the N. during the afternoon. This evening heavy Stratus has again formed to the N. and the glaciers are obscured by snow fog. The prevalent airs to-day have been southerly. Barometer falling to steady. Thermometer falling.

June 21st, 1911.

4 a.m. Calm. Overcast. Occasional southerly airs. Temperature rising. Barometer falling slowly.

10 a.m. Calm. Overcast except for a strip of clear sky to the N.

Glaciers very heavily obscured. Whirlwinds of drift moving along Cape Adare. Sound of wind or pressure behind Cape Adare. Temperature fairly high but falling slightly. Barometer falling very slowly.

12 noon. Northerly wind of force 1 to 3. B.4C.6 clouded from N. Very thick still to S. and W., and a band of Stratus to N. Very heavy snow moving along Cape Adare. These whirlwinds along Cape Adare we have been logging as drift, but I fancy they are due to direct precipitation caused by a wind with a high relative humidity striking the cold cape, and not true drift, meaning fragments of ice and snow caught up from the ground. This snow is moving down off the cape and whirling along the sea-ice beyond except

June 21st, 1911—continued.

every now and then, when some is caught in a gust of northerly wind and carried some distance towards us. It is also beginning to travel down the sides of the cape towards us, and usually this is a sign that the wind will strike us before very long.

Barometer steady. Temperature oscillating.

1 p.m. The wind struck us about 10 minutes ago. Its approach was very impressive. Cape Adare was suddenly shrouded in a dense cloud of snow, from the front of which whirlwinds of drift, 200 feet high and 12 yards in diameter, dashed at terrific speed across the beach. The first few gusts missed us, and we saw the whirlwinds pass the hut and move on to the sea while it was yet calm where we were.

In a few seconds, however, a flurry rushed directly at us and the wind and snow struck us and enveloped us at the same time. A little later the main cloud struck us and everything was lost in a whirl of snow.

Since then we have alternately been shrouded in a snow or free from snow according as the wind blew or lulled.

4 p.m. The wind has ceased blowing from the S.E. here and a N.W. draught of force 1 to 4 is blowing in gusts, but there is still a great sound of wind from the cliff. The sky is very clear. There is a little Stratus to the N. and the glaciers are obscured by Nimbus.

6 p.m. Calm. Clear. Temperature falling. Barometer rising. Wind on Cape Adare has ceased. Glaciers still obscured.

8 p.m. Calm. Clear. Temperature falling. Barometer rising. Glaciers still obscured.

June 22nd, 1911.

4 a.m. South-westerly airs. Overcast with Nimbus Haze except near the zenith. Ice spicules falling out of haze. Temperature falling. Barometer falling. Thickened a good deal since 2 a.m.

10 a.m. Calm or southerly airs. Cloudy but clearing. Temperature and barometer steady. Glaciers still slightly obscured but clearing.

10 p.m. Calm. Clear except the glaciers and near the horizon to the N.

Temperature steady. Barometer falling, has been falling all day.

This afternoon heavy gusts with drift blew alternately from N., N.W., N.E. and S.E. for an hour or two. A little spicular and granular snow fell and probably most of the drift was freshly falling snow.

June 23rd, 1911.

4 a.m. Calm. Clear. Temperature falling. Barometer rising. Glaciers obscured.

10 a.m. Calm. Clear. Temperature oscillating. Barometer rising. Glaciers clear.

10 p.m. Clear and calm. Temperature rising. Barometer falling.

Stratus to N. Glaciers not made out. Sound of wind or pressure behind Cape Adare.

June 24th, 1911.

4 a.m. Calm and clear. Temperature rising. Barometer steady. Stratus to N. Glaciers not made out.

Sound of wind behind Cape Adare much increased.

10 a.m. Calm. Clear but hazy. Temperature steady. Barometer rising. Glaciers clear.

2 p.m. Calm. Clear. About 10.30 a.m. a southerly breeze about force 1 to 2 commenced to blow, and scud immediately began to form on Cape Adare.

This reached its thickest about noon when it reached over Warning Glacier, but is now again reduced to a minimum. The northern horizon is clear. There are a few flecks of cloud to W. and N.W. Temperature falling.

June 24th, 1911—continued.

10 p.m. Calm or Northerly airs. Clear. Temperature oscillating between −19° F. and −26° F. Barometer steady. Cap of cloud on Cape Adare and Stratus on the northern horizon. Glaciers not made out. Very hazy a couple of hours ago but cleared a good deal now.

June 25th, 1911.

4 a.m. Calm. Clear but slightly hazy. Glaciers obscured by cloud. Temperature steady. Barometer falling a little.

10 a.m. Calm. Clear. Barometer rising slightly. Glaciers clear. Stratus on northern horizon.

10 p.m. Calm. Clear. Barometer falling slightly. Temperature falling. Glaciers clear. No clouds.

June 26th, 1911.

4 a.m. Calm. Clear. Temperature steady. Barometer falling. Glaciers clear. A little Stratus on the northern horizon.

10 a.m. Calm. Clear. Temperature steady. Barometer steady. Glaciers clear. A little Stratus and scud to N.

12 noon. An Alto-stratus radiant with radiant point in the N.W. The temperature is falling and frost smoke is being given off from the open cracks.
From behind Cape Adare the scud from this is moving at a fair pace towards the N.W.

8 p.m. Calm. Clear. Glaciers not made out. Temperature low, −34° F. Barometer steady.
I have started the thermograph again this morning in the screen.
During its trial last week in the hut it has worked splendidly, and if it should go wrong now it will be because of some climatic effect.
There was a glazed frost on the instruments this morning.

June 27th, 1911.

4 a.m. Calm or southerly airs. Clear. Barometer rising slowly. Temperature oscillating within a few degrees.

10 a.m. Calm. Clear. Barometer rising. Temperature oscillating. A little light scud to N.W.

8 p.m. Calm. Clear. Barometer high, 29·574, and rising. Temperature falling.

June 28th, 1911.

2 a.m. Calm or southerly airs. Clear. Barometer steady. Temperature rising.

4 a.m. Calm. Sky completely overcast with Nimbus haze. Barometer steady. Temperature falling again.

10 a.m. Calm or southerly airs. Obscured with Nimbus haze. Slight snow falling.
Barometer still high and rising. Temperature risen 10° since 4 a.m. Glaciers and mountains obscured. Cape Adare visible but indistinct.

8 p.m. Calm. Clear. Commenced to clear about 3 p.m. and now only a little snow remains on the N.W. and S. horizons. Temperature fallen again 10° F.
Barometer remains at the top of its bent, 29·720. Glaciers clear. ¾ inch granular and spicular snow to-day.

June 29th, 1911.

4 a.m. Southerly airs. Clear. A little Stratus on the northern horizon.
Glaciers clear. Barometer falling slowly towards normal. Temperature oscillating within a few degrees.

10 a.m. Southerly airs. Clear. Light Stratus to the N. and W. Barometer steady. Temperature oscillating.

10 p.m. Calm. Hazy. Sky becoming overcast. Temperature rising. Occasional southerly airs. Barometer falling slowly.

June 30th, 1911.

4 a.m. Calm or southerly airs. Hazy. Temperature risen to steady.
Barometer falling. Glaciers obscured ; thick all round the horizon, but stars showing through the haze near the zenith.

10 a.m. Calm. Overcast with Nimbus haze. Temperature still rising. Barometer falling steadily.

4 p.m. Calm and overcast. Sound of wind behind Cape Adare.

10 p.m. The sound of wind from behind Cape Adare increased considerably between 4 and 5 p.m. About 5.30 Dickason reported a smart breeze from the W., and when I took the 6 o'clock observations a gust of S.E. wind with snow, probably falling snow, reached us. After this it was calm for half an hour, but before dinner it was blowing a moderate gale from the E.S.E.

The wind continued until 9.30, gradually decreasing, and with lulls of longer duration between the gusts. At present the wind is mostly light airs devoid of drift from the S., with an occasional gust of force 3 to 4 and long calms between. The sky has cleared, but for Nimbus to the S. over Geikie Land and scud on Cape Adare.

Barometer still falling. Temperature high and steady, just below zero. Glaciers obscured. The sound of wind from behind Cape Adare is still very marked.

(R. E. P.)

JULY, 1911.

July 1st, 1911.

4 a.m. Slight S.E. breeze. Clear 2 a.m. to hazy 4 a.m. Glaciers obscured. Cloud on Cape Adare. Sound of wind decreased. Temperature steady. Barometer steady and inclined to rise.

10 a.m. Slight S. breeze. Temperature steady. Barometer steady. Overcast.

2 p.m. Slight S.E. breeze. Cloud thick on Cape Adare. Clear to West. Breaks in the clouds to the S. have occurred from time to time. Temperature and barometer steady. Overcast.

10 p.m. A slight S.E. breeze blew until 7 p.m., but since then calm weather has alternated with gusts from the N.N.W., some of which were of fair force. The sky during the evening has been fairly clear near the zenith with a varying amount of cloud in the vicinity of all land masses. Temperature high and steady. Barometer steady.

12 p.m. At 10.30 p.m. Browning reported strong gusts from the E.S.E., but at the midnight observation the weather was calm.

July 2nd, 1911.

4 a.m. Calm. Clear. Barometer rising to steady. Temperature falling to steady. Glaciers not made out.

10 a.m. Calm. Cloudy. Temperature falling. Barometer rising. Glaciers clear.

July 2nd, 1911—continued.

8 p.m. Southerly airs. Overcast. Barometer steady. Temperature rising. Fine red sky to N. this morning. Sky cleared very much during the morning, but again became overcast this afternoon with a haze which thickened to the dull indefinite cloud expanse I am calling Nimbus. Temperature began to rise immediately and is still rising.

10 p.m. Snow-cloud thickened. Spicular snow falling, $\frac{1}{8}$ inch already. Glaciers obscured. Barometer steady to falling. Temperature falling slightly.

July 3rd, 1911.

4 a.m. Calm. Thick with Nimboid fog. Snow has been falling continuously since 10 p.m. in very small ice fragments or spicules. About $\frac{3}{8}$ inch on the meteorological screen, but probably some has blown off. Barometer falling. Temperature rising.

10 a.m. Calm. Overcast with Nimbus fog. Heavy snow since 4 a.m. Barometer falling. Temperature high and inclined to rise. All land but Cape Adare blotted out.

3.30 p.m. Snow ceased between 12 noon and 1.30 p.m. $3\frac{1}{4}$ inches in all during the storm. The sky is inclined to lighten to the N., and the clouds in their lower portion have aggregated themselves into rays with a focus or apparent focus to the N. Thick to S. Browning reports numerous small plain stars among the snow this morning, and also the presence of flakes of several spicules together.

I have melted down two columns of the snow in a circular vessel $1\frac{3}{4}$ inches in diameter, and the result is as follows: —

1 column, $3\frac{1}{4}$ inches high = $\frac{1}{2}$-oz. of water.
2 columns, $6\frac{1}{2}$ inches high = $1\frac{1}{4}$ oz. of water.

10 p.m. Southerly airs. Thick to S., but only a slight haze near the zenith and Strato-cumuliform clouds to the N. Spicular snow falling. It gives the impression of being formed from fragments of ice and would be almost impossible to distinguish from true drift. Barometer steady. Temperature steady and high. All land obscured but Cape Adare, and it is indistinct.

July 4th, 1911.

4 a.m. Southerly airs or calm. Overcast near horizon, but only haze near zenith with stars showing. Snow falling almost entirely as small six-rayed stars with broad rays, more allied to types Ec. II 2 and 1 than any other of the pictures we have got. These stars range between $\frac{1}{16}$ inch and $\frac{1}{32}$ inch in diameter, and are of clear ice with no granular snow attached to them. About $\frac{1}{4}$ inch snow in all since last observation. Temperature is falling. Barometer steady and normal.

10 a.m. Calm. Overcast. Slight spicular snow. Temperature falling. Barometer steady to falling.

10 p.m. N.W. wind of force 1 to 3. Hazy. Thick to S. with indefinite snow-fog. N.W. wind started about 9 p.m. It was clear this afternoon with light Cirro-cumuliform scud, but again clouded over before dinner. An inch of snow has fallen since last estimation. A halo of 22 degrees, very faint, is to be seen round the moon.

July 5th, 1911.

4 a.m. Calm. Clear near the zenith and to the N., but slightly hazy. Thick to S. Glaciers obscured. Slight spicular snow falling. Temperature falling slightly. Barometer steady. At midnight and 2 a.m. the sky was completely obscured with thick Nimbus fog.

10 a.m. Calm. Overcast. Glaciers obscured. Temperature and barometer steady.

July 5th, 1911—continued.

10 p.m. Calm. Overcast. Glaciers obscured. Slight spicular snow, less than $\frac{1}{4}$ inch to-day. Barometer falling. Temperature remarkably steady all day. A wind from the N.W. blew for an hour or two this afternoon. Its force varied from 1 to 3. All snow to-day has been as grains and spicules and the land, except Cape Adare, has been indistinct or blotted out all day.

July 6th, 1911.

4 a.m. Northerly breeze of force 3 to 1. (Commenced about 3.30 a.m.) Overcast. Glaciers and mountains obscured. Temperature steady. Barometer falling slightly.

10 a.m. Calm. Overcast. Glaciers obscured. Temperature falling slowly and steadily Barometer steady. Mountains obscured.

10 p.m. Calm. Overcast, but clearing to the N. Glaciers obscured. Moon shining through clouds with broad close halo. Barometer rising slowly all day. Temperature falling steadily.

July 7th, 1911.

4 a.m. S.E. airs. Overcast. Very thick, mountains and glaciers blotted out. Cape Adare indistinct. Moon only indicated by faintly luminous patch to W. Spicular snow falling. Temperature rising. Barometer steady to falling.

10 a.m. Calm. Overcast. Temperature steady. Barometer steady but low—28·626.

12 noon. N.W. wind carrying slight drift in gusts. Overcast. Heavy spicular snow. Glaciers still obscured. Loud sound of wind behind Cape Adare added to the sound of pressure to the N. Barometer falling slightly and temperature rising.

2 p.m. E.S.E. wind of force 6 to 8. Very heavy drift, probably part local and part falling snow. Barometer fallen a tenth and temperature risen 14° F.

10 p.m. S.E. wind of force 5 to 7. Overcast. Temperature high and steady. The wind reached its strongest about 4.30 to 5 p.m., when it was difficult to stand against it, but it was never of hurricane force. The drift had decreased sensibly by 4 p.m., and has now almost ceased; the glaciers and mountains are still obscured. The clouds are the usual indefinite snow-clouds like a high-level fog, and are now of sufficient thickness to hide the moon, but for most of the time they have been thinner than this.

12 p.m. Wind increasing again, force 8 to 10. The night is quite light with diffused moonlight, but the sky is completely overcast with indefinite snow-cloud. Little drift.

July 8th, 1911.

2 a.m. E.S.E. gale of force 8 to 11. Overcast.

4 a.m. N.W. wind of force 2. E.S.E. wind was succeeded by a calm spell of a quarter of an hour's duration from 3 a.m. to 3.15 a.m., since then light airs from the N.W. have been prevalent. Judging from the rushing sound behind Cape Adare I should judge that the gale is still raging in the Ross Sea. Barometer is rising and temperature falling. Overcast. Glaciers obscured.

10 a.m. N.N.W. wind continues. The sky is cloudy but clearing. Clear to the S. Barometer rising. Temperature falling.

4 p.m. About 11 a.m. Campbell noticed the clouds moving rapidly from the N.W., while a breeze blew here from the S.S.E. Since then the wind here has remained in the same quarter with frequent lulls. The sky cleared pretty much in the middle of the day, but has again become thick to the S. and the glaciers obscured. A halo of 22 degrees surrounds the moon, which is veiled by light fog.

July 8th, 1911—continued.

10 p.m. Calm. Sky fairly clear but inclined to cloud over. Glaciers obscured. Halo of 22 degrees round the moon. Temperature falling steadily. Barometer steady.

12 midnight. Overcast again, with light indefinite snow-cloud through which the moon shines dimly. A few spicules of snow falling. Temperature fall arrested.

July 9th, 1911.

4 a.m. Southerly wind of force 1. Cloudy, clearing, but still hazy. Halo of 22 degrees round the moon. Glaciers obscured. Temperature falling slowly but steadily. Barometer steady to failing.

10 a.m. Southerly breeze of force 2 to 3. Overcast. Glaciers obscured. Temperature oscillating. Barometer steady.

10 p.m. Slight southerly wind all day. Temperature steady. Overcast with indefinite cloud haze through which the moon has been shining, sometimes surrounded with a pale white halo of 22 degrees. Barometer falling slightly.

12 midnight. Wind increasing from the S. Temperature rising.

July 10th, 1911.

2 a.m. A very gusty wind still blowing from the S., bringing a little flocculent snow consisting of aggregations of very tiny spikes and grains.

4 a.m. Wind swung to W.S.W. Very gusty, force 3 to 7, with calm lulls; sometimes these latter are of 3 to 4 minutes' duration. Overcast. Temperature oscillating. Barometer falling very slowly.

10 a.m. S.E. wind of force 5 to 6. Overcast. Glaciers obscured. Temperature risen several degrees. Barometer steady.

4 p.m. The wind has varied continually to-day, swinging from S. to S.E., to S.W. to W.S.W., and to S. again, and varying in force from 4 to 7 to 1 to 3, with calm lulls between. There has been a corresponding oscillation in temperature through a range of a dozen or more degrees. Luckily, the thermograph is working all right now and the record last week is a sight for the gods. This morning the oscillations have been so frequent and abrupt that the record is in places reduced to a broad blot. The sky has cleared near the zenith, but it is still thick to the S.

10 p.m. Calm to S.E. airs. Cloudy. Clear near the zenith, except for a few scud-clouds, but thick to the S. Slight noise from behind Cape Adare might be pressure or wind. Oscillations in temperature continue.

Temperatures to-day are as follows: 4 a.m., — 11·6°F.; 6 a.m., — 4·8; 8 a.m., — 10·5; 10 a.m., — 2·8; noon, — 12·8; 4 p.m., —1·9; 6 p.m., — 10·1; 8 p.m., — 2·2; 10 p.m., — 12·0.

These changes are most extraordinary. They correspond roughly with the estimations of wind force. Strong wind and high temperature, and *vice-versa*, with the single exception of the 6 a.m. observation. It is easy to understand the sudden rise of temperature with the increase of southerly wind, what one cannot easily explain is a drop of 10° F. when the wind decreases in force for such a short space of half an hour to one hour. I suppose it is the influence of the cold rock, but that seems unusual. Barometer is steady.

July 11th, 1911.

4 a.m. Southerly airs. Cloudy but clearing. Slightly hazy. Broad indefinite white halo round the moon, halo of 22°. Glaciers clear. Temperature oscillating. Barometer steady to falling.

10 a.m. Calm. Clear. Glaciers clear. Barometer steady and temperature falling. Fine prismatic sky to the N.

July 11*th*, 1911—continued.

10 p.m. Calm. Clear. Barometer steady to falling. Temperature falling a little. Brilliant moon, with close prismatic halo.

July 12*th*, 1911.

4 a.m. Calm. Clear. No clouds. Temperature steady. Barometer steady.

10 a.m. S.W. airs to calm. Clear. Temperature and barometer steady.

2.30 p.m. Moon appeared as the centre of a cross. Horizontal bar plainer than the vertical one. No sign of halo or mock moon.

7 p.m. A very fine radiant of Stratus-clouds from the N.E., several well-marked rays. Between two of these rays there was a remarkable transverse ribbing at right angles to the mean direction of the rays. A fine halo round the moon since 3 p.m. A broad white or grey ring at 22° distance.

10 p.m. Calm or Westerly airs. No clouds but a fairly thick haze. A faint halo of 22° round the moon. Barometer low and steady. Temperature steady. A slight frost has been precipitating all day.

July 13*th*, 1911.

4 a.m. Calm or Southerly airs. Overcast with indefinite snow-cloud through which the moon shows as a round disc. Temperature rising slowly. Barometer steady.

10 a.m. Southerly airs. Cloud and hazy. Slight spicular snow falling. Barometer rising. Thermometer steady.

10 p.m. Remained overcast until 6 p.m., after which it began to clear from the zenith. Still thick to the S. Slight spicular snow. $\frac{1}{8}$ inch to-day. Southerly airs. Cloudy. Prismatic halo round the moon most of the evening. Moon, white, yellow, orange, purple, green, brown. Barometer steady to falling, has not risen during the day above 28·909. Temperature steady.

July 14*th*, 1911.

4 a.m. Slight southerly or S.W. airs. Clear. A little scud on Cape Adare and Strato-cumulus along the Northern horizon. Prismatic halo close round the moon shows plainly against an indigo sky. Temperature falling. Barometer falling gently.

10 a.m. Slight E.S.E. wind with intermittent and low drift. Cloudy to clear. Temperature risen. Barometer steady.

4 p.m. At different times drift has been seen flying first along the sea ice to the North of Cape Adare, then down Cape Adare itself. Now there is a bank of cloud formed on Cape Adare at its E.S.E. end and a slight noise of wind from behind the Cape. Both the moon and Venus had a vertical bar of light running through them.

10 p.m. I have been out from 8 to 10 p.m. watching an aurora and incidently keeping an eye on the weather. The cloud cap on Cape Adare increased steadily until 9 o'clock, giving off scud which travelled slowly towards the N. end of the Cape, where it gradually dissipated in the unsaturated atmosphere. From 9 p.m. to 9.45 p.m. the snow-cloud gradually decreased in size until it quite disappeared. The glaciers have remained clear all the time, and the sound of wind from behind Cape Adare has ceased.

Browning reports an open crack all along the N. icefoot, and from 2 to 4 feet wide. I cannot account for this by any recent changes of temperature, and, indeed, our experience all goes to prove that such changes tend to produce radiating cracks from fixed points, such as icebergs, rather than linear cracks along the shore.

July 14*th*, 1911—continued.

A possible explanation would be a great deal of recent strong wind in the Ross Sea resulting in the pressure of the whole icefield towards the N. Possibly uniform high temperatures in the Ross Sea would aid this result. That can be proved or disproved by reference to the meteorological report from Cape Evans and the Bay of Whales.

12 midnight. Slight N. wind. Sky becoming overcast. Heavy cloud cap on Cape Adare. Temperature rising. Barometer steady.

July 15*th*, 1911.

2 a.m. N.W. breeze of force 2 to 4 blowing. Sky clouding over with thick haze, through which the moon shines dimly. Snow fog on Cape Adare so thick that the Cape is indistinct almost to its foot. No snow falling here but heavy glazed frost on instruments and screen. Temperature fallen slightly. Glaciers blotted out by fog. Still clear near the zenith.

4 a.m. Calm. Overcast. Moon showing dimly through Nimbus haze. Glaciers obscured. Temperature falling. Barometer rising slowly.

10 a.m. Calm. Cloudy. Thick to the S. Glaciers obscured. Temperature fallen. Barometer rising.

10 p.m. A thick cloud formed to the N. and S. at noon, and between then and 2 p.m. the sky became completely overcast with thick snow-cloud and granular snow began to fall. During the whole day southerly airs of calm weather have prevailed and snow has continued falling until now.

About $\frac{3}{8}$ inch in all, never strong. The barometer rose slowly to 6 p.m. and then remained steady. Temperature has risen 14° F.

12 midnight. Calm. A slight break in the clouds to the eastward. The moon shows dimly through the snow-cloud. Slight granular snow continues to fall.

July 16*th*, 1911.

2 a.m. Clearing from the zenith. Temperature falling. Still slight granular snow.

4 a.m. Calm. Cloudy. Temperature steady. Barometer steady to falling.

Brilliant prismatic halo round the moon. Moon, white, yellow, orange, brown, purple, violet, blue, green, purple, the whole about twenty times the apparent diameter of the moon. Still thick to the S.

10 a.m. Southerly airs. Overcast. Temperature risen. Barometer falling slightly.

10 p.m. Southerly airs all day. Overcast or cloudy, with a little snow now and then, but not enough to estimate. Temperature high, oscillating with a tendency to rise. Barometer falling slowly all day but now inclined to rise.

July 17*th*, 1911.

4 a.m. Calm. Overcast. Fairly heavy spicular snow falling. Cape Adare blotted out almost entirely. Moon just showing through the Nimbus haze.

Loud sound of pressure (or wind) to the S. of us. Certainly one element in the noise I can hear is moving sea ice and that the most prominent one. but there is a suggestion also of the rushing sound the wind makes on Cape Adare. Barometer steady. Temperature high. but falling steadily towards the normal.

10 a.m. Slight S.E. wind with intermittent drift. Overcast. Slight spicular snow. Temperature risen 4 degrees. Barometer rising a little.

10 p.m. During the latter part of the day the barometer rose sharply for several hours. Until 4 p.m. light southerly winds blew, accompanied at intervals by light spicular snow or a low intermittent drift.

July 17th, 1911—continued.

The sky gradually cleared. A N.W. wind blew again for a couple of hours this evening and the weather became very thick, Cape Adare almost disappeared, and spicular snow fell again. The barometer is steady and the temperature high.

12 midnight. The sky has cleared, but for Strato-cumulus on the Northern horizon and a bank of cloud on Cape Adare. Calm. Temperature falling.

July 18th, 1911.

4 a.m. Calm. Sky remains clear. Glaciers cleared since 2 a.m. Barometer steady and temperature falling.

10 a.m. Calm. Clear. Temperature fallen considerably. Clouds moving from the N.N.E. and banking up in the N. Barometer steady.

10 p.m. This morning heavy whirlwinds of drift were observed on the sea ice to the N., but it remained calm here. It has been calm all day.

Between 4 p.m. and 6 p.m. a thick haze formed which had thinned much by 8 p.m., but has never quite dispersed. From 6 p.m. a few spicules of snow have been falling, but never enough to count.

The temperature remained low until 4 p.m., but then rose several degrees and has remained steady since. Barometer steady.

July 19th, 1911.

4 a.m. A little light cumuliform scud is forming to the N. The glaciers are again obscured by low mist. Calm. Clear. Barometer steady.

Temperature fallen several degrees again.

10 a.m. S.E. wind just commencing, light airs. Overcast. Temperature rising. Barometer steady. Glaciers obscured.

10 p.m. Temperature remained high until 6 p.m., and then fell quickly to normal.

S.E. airs and overcast sky, with a little snow, prevailed until the same hour after which the sky cleared except for low cloud over Geikie Land and to the N. Slight haze still. Barometer falling.

N.B.—The whirlwinds of drift seen during the morning of the 18th on the sea ice proved, as I suspected and suggested at the time, to have been of sea smoke from a large pond of open water, probably formed by the pressing up of water from under a depressed portion of sea ice during the high tide, or through a crack formed during the recent fall of temperature.

July 20th, 1911.

4 a.m. Calm. Clear, but slightly hazy. Glaciers obscured. Temperature risen a little but now steady. Barometer steady.

4.30 a.m. Rushing sound of wind and pressure from behind Cape Adare. It is hard to resolve this noise into its elements, but I went out and listened to it without a helmet and could distinguish two components at least; one a rushing sound like wind among trees, and a faint noise of creaking and grinding.

10 a.m. Southerly airs. Overcast and hazy but clear to S. Temperature risen 6° F. Barometer steady.

6 p.m. Rather hazy. The predominant feature of the month's weather so far has been the amount of haze. I have been rather at a loss how to enter this in the weather column, but have finally contented myself by counting the sky as clear when I could see the stars, and noting the haze under remarks or in the cloud column. This haze when it thickens forms the indefinite snow cloud, like a high level fog, I have called Nimbus. As it gets lighter and we get the sun back the division between haze and Nimbus will naturally become more arbitrary, but it should be quite possible to differentiate them.

July 20th, 1911—continued.

10 p.m. S.E. wind of force 1. Clear of cloud except Stratus on the Northern horizon, but rather hazy. Temperature steady. Barometer falling slowly.

July 21st, 1911.

4 a.m. The haze thickened until the stars and aurora are now blotted out. The sky except to the S. and S.W. is covered with the Nimboid snow-cloud. Calm. Temperature has jumped 4° F. Barometer still falls slightly and is very low—28·452.

10 a.m. Clear and bright; fine blue sky to the S. and W. stretches of Strato-cumulus on the Northern horizon. Barometer rising slowly. Temperature rising. Very calm and still.

7 p.m. Between 6 and 7 p.m. the sky again commenced to get hazy from the N. The haze thickened and the stars below 20° altitude on the Northern and Western horizon were blotted out.

10 p.m. Calm. Hazy. Temperature steady. Barometer steady but low all day.

July 22nd, 1911.

4 a.m. Calm. The haze thickened to Nimbus early this morning, but the sky has again cleared very much, though still slightly hazy. Barometer steady. Temperature falling. A slight spicular snow is falling and has been ever since 2 a.m. No estimable amount yet fallen.

10 a.m. Thick Nimbus haze to the S., golden sky to the N. with thin layers of Stratus. Barometer rising. Temperature failing.

10 p.m. This morning Browning noticed drift or snow whirlwinds moving along Cape Adare, also coming down over the S.E. off the Cape, and a slight noise behind the Cape. At the same time there were S.E. airs here and these were followed by light airs from the N.W. Nothing else happened, however, the sky cleared and the weather was again calm and has remained so until now. It is thickening up a little to the S.E., and the approach of night was again accompanied by the formation of a thin haze out of which a little snow has fallen. Temperature is steady and normal. Barometer rising slowly.

July 23rd, 1911.

4 a.m. Clear. Calm. A little cloud on Geikie Land. Temperature falling. Barometer rising to steady.

10 a.m. Clear cloudless sky. Calm. Barometer rising steadily. Temperature falling rapidly. Vapour can be seen rising from the open water to the N.N.W. Red sky to the N.

10 p.m. Clear all day. Calm morning and afternoon. Southerly to S.E. airs during the evening. At times gusts of force two or three carried a low intermittent drift. About 12 noon I saw a gust carry a large quantity of drift off Cape Adare. Dickason has noted a similar gust at the noon observation. Immediately afterwards we were out some half mile beyond the N. end of Cape Adare, but no sign of wind. Sea-smoke has been rising all day from the pools of open water. Temperature oscillating between—14° F. and—30° F. Barometer risen steadily all day. Now 29·562.

July 24th, 1911.

4 a.m. Calm. Clear. Barometer still high and inclined to rise. Temperature falling.

10 a.m. Clear and bright, with slight wind from the S.S.E. Fine red sky to the N., the reflection of which can be seen on the glaciers to the S.E. A few clouds of Strato-cumulus to the N.W. Vapour can be seen rising from the sea ice to the N. and N.W. Barometer rising steadily. Temperature rising slowly. Rumbling noise to the E.

July 24th, 1911—continued.

10 p.m. The weather remained clear and calm with light N.W. winds or S.E. airs until 6 p.m., when the sky became overcast and the barometer dropped at an alarming rate. Curiously enough the barograph gives a steady drop from the time that it was reset at 12·30 p.m., while the K.S.B. shows only a light drop till 8 p.m., when it had fallen three-tenths since the last observation. Since then the barometer has continued to fall steeply and the thermometer to rise; the sky became more and more overcast and a spicular snow began to fall and a S.E. breeze of force varying from 1 to 2 began to blow. All the signs point to bad weather, and I am the more curious to see how they work out, as, if I remember rightly, it is very unusual for bad weather here to be preceded by a fall of the barometer, a phenomenon which usually accompanies the wind.

July 25th, 1911.

4 a.m. Calm. Thick to N. and S., but clear near the zenith. Rumbling sound to the Northward. Temperature high but falling at present. Barometer falling steadily.

10 a.m. Overcast with wind from the N.W. of force 1 to 2. Low drift, very thick to the S.E. over the sea ice, slight rumbling to the North. Since 4 a.m. the temperature has risen from minus 13·9° F. to plus 2·9° F. Barometer has slightly risen since 0 a.m.

10 p.m. Southerly wind varying in force from 1 to 4 and in direction from S.S.E. to S. has blown most of the day, but now it is again inclined to be calm. Slight snow about noon. Overcast weather, but has cleared since 8 p.m. at the zenith. Still heavy cloud to S. and N. Temperature falling again. Barometer steady and normal.

Browning takes over the meteorological log to-morrow and also the night watch; at any rate, until I return from our first trial sledging trip and probably longer. The night watch closes at midnight on July 31st. All notes in this log in future will be signed with the initials or name of the person making them.

July 26th, 1911.

4 a.m. Calm. Cloudy near the horizon; stars showing through haze near the zenith. Temperature inclined to rise. Barometer steady and normal.

10 a.m. Calm. Thick Nimbus clouds to S. and S.E. Barometer rising. Temperature falling. Red glow on the Northern horizon. (F. V. B.)

10 p.m. Calm. Clear. Temperature falling. Barometer steady and high. Glaciers obscured.

July 27th, 1911.

4 a.m. Clear, bright and calm. Barometer fallen slightly since 2 a.m. Temperature rising. (F. V. B.)

10 a.m. Clear and calm. Barometer has fallen a little since 8 a.m. Temperature falling slightly. Fine prismatic sky to the E. (F. V. B.)

10 p.m. Calm. Clear. Scud on Cape Adare and Geikie Land. (R. E. P.)

July 28th, 1911.

4 a.m. Clear, with strong wind from the E.S.E. with low drift, loud rumbling noise can be heard to the N.E. Barometer has risen a little since 2 a.m. Temperature rising slowly. (F. V. B.)

10 a.m. Slight S.E. breeze. Overcast. Temperature steady and high. Barometer steady. Slight noise to the N., probably pressure.

10 p.m. N.W. airs. Rumbling continues to the N. Barometer steady. Temperature falling. Clear. (F. V. B.)

July 29th, 1911.

4 a.m. Calm, bright and clear since midnight. Barometer has fallen slightly. Temperature rising slowly. The rumbling noise heard to the N. has stopped. (F.V.B.)

8 a.m. Calm and clear. The barometer fell slightly between 4 a.m. and 6 a.m., but now remains steady. Temperature falling slowly. Thermograph clock has stopped. (F. V. B.)

2 p.m. The sledging party left the hut to-day, so observations for 10 a.m. and 12 noon were not taken. I found the thermograph clock had stopped again, so brought it in to overhaul it. (F. V. B.)

10 p.m. Calm. Clear. Barometer falling slowly. Temperature falling at 4 p.m. I replaced the thermograph clock, but find it has stopped again. (F. V. B.)

July 30th, 1911.

4 a.m. Since midnight the barometer has fallen slightly. The temperature has jumped up 8° F. Clear and calm. (F. V. B.)

10 a.m. Barometer steady. Temperature has fallen 10° F. since 8 a.m.; there is a light Nimbus haze to the S. Calm. Glaciers clear. (F. V. B.)

12 noon. The sun was seen to-day for the first time since its disappearance. Three-quarters of its diameter was clear of the horizon. A photo of this was taken by Dr. Levick. (F.V.B.)

10 p.m. Barometer has been falling gradually all day, but since 8 p.m. has risen slightly. Temperature rising slowly. Calm, clear, with occasional light southerly airs. (F. V. B.)

July 31st, 1911.

4 a.m. Calm and clear. Barometer rising slowly. Temperature rising. (F. V. B.)

10 a.m. Barometer rising rapidly. Temperature rising slowly. Light southerly airs. Clear. (F. V. B.)

10 p.m. Barometer has been rising all day, but has fallen slightly since 8 p.m. Temperature rising slowly. S.E. wind of force 1. Spicular snow falling. Glaciers obscured. (F. V. B.)

12 midnight. The temperature has risen 5° F. since 10 p.m. There is a light southerly wind of force 1. Spicular snow is falling.

Barometer rising. The stars are just visible through a Nimbus haze.

AUGUST, 1911.

August 1st, 1911.

10 a.m. Barometer has been falling since 8 a.m. Calm. Sky overcast with light Nimbus haze. There are long layers of Stratus at the foot of the hills to the S. I shifted the thermometer screen back to its old position and also the wind vane. (F. V. B.)

10 p.m. Temperature has risen 9° since 6 p.m. Barometer has been falling gradually since noon. Spicular snow commenced to fall about 8 p.m. and continues to fall rather thick. Heavy Nimbus clouds to S. and S.E. Southerly airs. (F. V. B.)

August 2nd, 1911.

10 a.m. Barometer falling gradually during the night. The temperature fell 7° and the snow stopped. Since 8 p.m. last night $\frac{1}{4}$ inch of snow has fallen. To-day it is overcast. Temperature rising.

Looks as if we are going to have more snow. There is a loud rumbling noise N.E. of Cape Adare. (F. V. B.)

August 2nd, 1911—continued.

10 p.m. About noon snow started to fall rather heavily. Sky overcast.
Barometer continued to fall. At 4 o'clock heavy gusts of wind started accompanied by large clouds of drift. Between 4 and 6 p.m. the barometer fall sharply from 28·472 to 28·090, the wind increased to force 10 and 11 with heavy drift and snow and continued to blow until 9.30, when it eased a little with occasional lulls. Temperature has risen to 11·8° F. It has been impossible to get the dumbbell readings of the Minimum and Terrestrial Radiation thermometers owing to the dumbbells being shaken down. 10.30 p.m. barometer rising slowly. Wind easing. (F. V. B.)

August 3rd, 1911.

10 a.m. Overcast with a wind from the S.S.E. of force 1 accompanied by spicular snow. Barometer rising slowly. Temperature falling gradually.
Very thick to the S.E. over the sea ice. During last night's blizzard the drift got inside the thermograph case and lifted the pen clear of the paper, so no reading was recorded. I cleared it this morning. (F. V. B.)

10 p.m. Barometer has been rising gradually all day. Snow fell lightly until 4 p.m. when it ceased altogether; during the evening the sky cleared a little to the N.W., and by 8 p.m. all Nimbus clouds except a little over Cape Adare had gone. Temperature falling slowly. During the day a good many sharp reports resembling rifle shots have been heard from the lakes. I had a walk round the icefoot, but last night's blizzard has not affected it much.

August 4th, 1911.

10 a.m. Barometer rising slowly. Temperature has risen since 8 a.m. Light airs from the N.E. Overcast with light Nimbus haze clearing to the S. (F. V. B.)

10 p.m. Barometer falling slowly since 2 p.m. Temperature steady, —14° F. Calm. Light Nimbus haze to the S. During the day large clouds of vapour have been observed moving from the sea ice to the N.W. (F. V. B.)

August 5th, 1911.

10 a.m. Barometer and temperature steady. Overcast to S. and S.E. Scud to N. moving from N.N.E. (F. V. B.)

12 noon. Half a gale from the S.E. blowing off the end of Cape Adare carrying with it a little spicular snow. Wind force 3 to 7. Quite a dense snow-haze forming along the E. side of the cape. (R. E. P.)

8 p.m. Sky overcast with Nimbus haze. Stars are just visible. Barometer has been falling slowly all day. Temperature steady all day. Light N.W. airs. (F. V. B.)

8 p.m. Light granular snow falling. (F. V. B.)

August 6th, 1911.

8 a.m. Dull Nimbus haze. Slight spicular snow falling. Barometer rising. Temperature falling. During last night about $\frac{1}{4}$ inch of snow fell.

8 p.m. Barometer rising slowly. Temperature has fallen 7° during the day. Snow fell until noon when the haze cleared and the sun appeared for a quarter of an hour. Calm and clear.

August 7th, 1911.

8 a.m. Barometer fell slightly. Temperature rose 13°. Light westerly airs. Slight spicular snow falling. Overcast with thick Nimbus haze. (F. V. B.)

August 7th, 1911—continued.

8 p.m. Barometer has been steady all day. Temperature fell 6° between 2 p.m. and 6 p.m., but is rising slowly again. Wind could be heard to the N.E. of Cape Adare during the day and snow could be seen moving in clouds on top of the cape towards the N.N.E.; clouds of snow were also seen moving around the top of Mt. Adam. Overcast with N.W. airs. 2 hours of sun. (F. V. B.)

August 8th, 1911.

8 a.m. Barometer falling. Temperature rising. Overcast with Nimbus haze. Light S.E. airs. (F. V. B.)

August 10th, 1911.

N.B.—Owing to Mr. Priestley and myself being absent from camp on a short sledging trip no entry has been made in this log since 8 a.m. on August 8th. (F. V. B.)

8 p.m. Barometer has been rising steadily all day. Temperature has risen a little since 6 p.m. N.W. wind of force 2. Overcast with Nimbus haze. Breaking to the N. (F. V. B.)

August 11th, 1911.

8 a.m. Barometer rising. Temperature falling. Light wind from the N.N.E. of force 1. Clear over head. Slight Stratus to the N. (F. V. B.)

12 noon. Two light patches at the same altitude above the horizon as the sun and about 22° distant either side of the latter, like ill-defined mock suns. A good deal of snow moving from the S.E. (R. E. P.)

8 p.m. Clear with light Alto-stratus to the N. Barometer rising slowly all day. Temperature has fallen 9° since 2 p.m. A N.W. wind has been blowing since 10 a.m. of force 1 to 3. Heavy clouds of snow to the N.W. over the sea ice. These are moving rapidly from the E. Whirlwinds of snow on the top of Cape Adare and over Geikie Land. (F. V. B.)

August 12th, 1911.

8 a.m. Clear. Barometer steady. Temperature falling. Wind from N.W. of force 1. (F. V. B.)

8 p.m. Calm. Barometer has been falling slowly all day. Temperature falling until 4 p.m. Since then it has risen 5°.

August 13th, 1911.

7.30 a.m. Sound of wind behind Cape Adare as strong as we have ever heard it. Overcast. (R. E. P.)

8 a.m. Overcast with Nimbus. S.E. airs. Loud rumbling noise behind Cape Adare. Very thick to the S. During last night the barometer continued to fall slowly. Temperature rose 10° (−13° F.).
$\frac{1}{4}$ inch of snow fell. (F. V. B.)

8 p.m. Barometer steady. Temperature falling slowly. During the day a wind has been blowing from the N.W. of force 1 to 4, and has been accompanied by slight spicular snow. (F. V. B.)

August 14th, 1911.

8 a.m. Clear with a few Stratus clouds to the N. Barometer has risen a little during the night. Temperature fell 14°. Light S.E. airs. (F. V. B.)

6 p.m. This morning at 10.30 a.m. the mountains to the S. and W. became shrouded with fog, and this did not disperse until noon and after. It was probably due to a S.E. wind sweeping down the glaciers of Robertson Bay and striking the cold land.

August 14th, 1911—continued.

For 2 hours the sun was accompanied by a couple of horizontal sundogs with finely-marked rainbow hues. At the same time the air here was full of the fine, formless ice spicules which have been the most common form of precipitation during the last two or three months. Campbell reports that at one time the Eastern sundog was visible between him and Cape Adare. (R.E.P.)

10 p.m. Barometer steady. Calm and clear. Temperature has been falling all day, but since 6 p.m. it has jumped up 13°. The Solar Radiation thermometer and Sunshine Recorder were put in place this morning.

To-day's sunshine 3¼ hours. (F. V. B.)

August 15th, 1911.

8 a.m. Strong wind from the S.S.E., force 0 to 8, with thick clouds of drift.

Barometer falling. Temperature rose 11° during last night. Overcast with heavy Nimbus. (F. V. B.)

8 p.m. A hurricane from the S.E. has been blowing all day accompanied by snow and heavy drift. Barometer continued to fall until 6 p.m. Temperature rose to plus 2. At 6 p.m. the wind continued to blow at force 12 and was accompanied by clouds of grit and pebbles. Barometer rising slowly. Temperature falling. (F. V. B.)

10 p.m. Wind continues to blow from the S.E. at force 12 with an occasional lull. Heavy clouds of grit and pebbles are being blown about with terrific force.

August 16th, 1911.

8 a.m. All sea ice N. of Robertson Bay has been removed during the night.

At 4 p.m. last night the wind became absolutely devastating. A full description of the gale is in my diary. This morning the sky is partially overcast with low clouds due directly to the open water. The temperature is falling and the barometer rising. Clearing to the S. (R. E. P.)

12 noon. A dense fog from the open water was being carried from the S.W. this morning. The direction has now changed and the fog is being carried from the W.N.W. and is being borne across the N. end of the beach.

It is composed of granular and spicular snow similar to that which has fallen during the last month or two and to that which forms the snow whirlwinds on Cape Adare.

N.B.—I am resuming charge of this diary as I find that I shall probably be detained here until at least late in the summer. (R. E. P.)

8 p.m. During the afternoon the sky became overcast with light but low cloud of local origin caused by the extension of the frost smoke from the lead of open water. Southerly winds were prevalent all the afternoon.

Latterly a fairly strong N.W. breeze has sprung up bringing with it spicular snow while the clouds have thinned to a haze through which the stars shine dimly. Temperature falling. Barometer rising to steady.

Thick to S. Glaciers obscured by fog. (R. E. P.)

August 17th, 1911.

8 a.m. Calm. Clear. Temperature and barometer fallen. Whale-backed cloud on Cape Adare (R. E. P.)

2 p.m. The sky has become overcast with low shapeless cloud from the N.W.

On top of Cape Adare at 1,000 feet a S.W. breeze of force 3 was blowing this morning at noon. Calm at camp. A lot of frost-smoke is still rising from isolated patches of open water to the N.W. and W., especially off the Spit. Cape Adare is clear but a little snow is falling on Sir George Newnes Glacier. Temperature steady. Barometer falling.

(R. E. P.)

August 17th, 1911—*continued.*

2 p.m. Browning reported the Solar Radiation thermometer broken at the noon reading. It has probably been broken by a flying pebble for there is a clean hole one side, the black bulb has been snapped off the Inner Thermometer, and a hole with cracks radiating from it on the far side of the outer bulb completes the damage. If this was the cause of its breaking the wind must have swung at the time to S.W., but this is quite possible. We are shipping the spare thermometer to-morrow. (R. E. P.)

8 p.m. Barometer continues to fall slowly. Temperature has risen several degrees. Calm or S.E. airs to wind of force 1. Loud sound of wind behind Cape Adare. Glaciers and mountains to the S. obscured.

The sky with the exception of that portion near the horizon has cleared. The stars show fairly brightly through a thin haze. (R. E. P.)

9 p.m. Sky overcast. N.W. breeze of force 2. (R. E. P.)

August 18th, 1911.

8 a.m. N.W. Airs or light breeze of force 1. Sky thickly overcast with Nimbus fog. Cape Adare indistinct. Spicular snow falling. ($\frac{3}{8}$ inch up to now.) Loud sound of wind behind the cape. Barometer steady. Temperature risen a little. Glaciers obscured. (R. E. P.)

10.30 a.m. Expecting a wind this morning I watched carefully from 9.45 to 10.30 a.m. A short description of what followed may be considered as fairly typical of our winds down here, though, on the other hand, we have also had all these preliminaries without any wind following them.

Since 8 a.m. the temperature has risen steadily until it is now about 4° below zero. The barometer remained steady until about 9.45 when it commenced to fall fairly steeply. Until 9.45 the weather remained overcast with thick snow-cloud and with light airs from the N.W. or S.E. About this time a gust force 5 to 4 reached me and simultaneously the southern portion of Cape Adare became completely obliterated with dense snow fog which moved or rather extended further northward very slowly. A similar bank of snow fog was formed against the N. end of Cape Adare in triangular form between 300 and 700 feet.

This gust was succeeded by one of the same strength from the N. which carried with it a low drift derived from the thin veil of snow that had fallen during the night. This in its turn gave place to a gust from the N.N.E., slightly stronger and carrying with it both local low drift and snow at higher levels. This latter snow was quite distinct from the drift and could be seen moving down the side of Cape Adare from the S.E. and then being caught as it fell over the cliff and carried swiftly towards the hut. It is evidently part and parcel of the Nimboid fog which drapes the peninsula. A gust from the N. followed and was accompanied by low drift and then the wind backed to N.W. and Cape Adare began to clear.

At 10 a.m. a strong gust of force 5 to 6 from the S.W. carried to us only low drift but drove the snow fog N. along Cape Adare until it was completely cleared while the mountains to the West became faintly visible as a bluish haze. A lull followed and lasted 3 or 4 minutes and the S. end of Cape Adare again became obscured by the fog, but was again cleared by the ensuing S.S.W. gust which drove the snow on to the sea ice to the N. and brought none to take its place.

Another lull was succeeded by whirlwinds from the S. travelling at a greater speed than any of the gusts yet recorded. These were rendered very visible, almost diagrammatic, by the columns of drift and snow which accompanied and were incorporated in them, columns so high that their upper end was hidden in the high level fog which hangs over everything, like a pall. These columns were wide apart and several were visible between the cliff and myself at one and the same time.

August 18th, 1911—continued.

During the next lull which was of very short duration I saw what appeared to be a solid wall of snow moving swiftly towards me from the S. and almost simultaneously I was struck by the wind and by the snow it bore with it. Everything was enveloped in a whirl of snow and it was impossible to see the one hut from where I was standing by the windward stay of the other. This time the wind was from the S. and its force I should estimate at from 6 to 8. At present, it is calm. (R. E. P.)

2 p.m. Temperature high but steady. Barometer low but steady. A S.S.E. to S. wind varying in force from 4 to 7, but carrying neither drift nor snow. Noise behind Cape Adare less strong. Glaciers obscured, but the outlines of Geikie Land are dimly showing through the mist.

Thick rolls of Strato-cumulus to the N. are probably frost-smoke off the open water. (R. E. P.)

8 p.m. The vagaries of the wind to-day have been really extraordinary. No two observations have been the same. Since my last note the 2-hourly readings have been : 4 p.m., W.S.W. ; 6 p.m., N.W. ; 8 p.m., N. Even these do not give a true idea of the changes for two independent observations are by Dickason at 7.15 p.m., when an unusually heavy gust, estimated by him as force 7, and carrying heavy drift and snow, blew from the S.E., and by Campbell at 7 p.m., when a steady breeze of force 3 blew from the S.S.W.

At the 6 p.m. observation the snow was falling in flakes, each composed of dozens of tiny ice spicules. It was quite heavy. At 8 p.m. light spicular snow was falling. The noise behind Cape Adare has ceased.

The temperature is steady and high and the barometer steady with a tendency to rise. (R. E. P.)

9 p.m. Loud sound of wind behind Cape Adare. A S.E. breeze of force 3 to 4. Loud noise of ice pressure to the West. (R. E. P.)

10 p.m. Wind S.E. increased to force 10. Heavy drift. (F. V. B.)

August 20th. 1911.

8 a.m. Temperature has risen several degrees (—1° F.). Barometer steady.

S. wind of force 3 to 4. Blowing steadily all night. Very thick to the S. Mountains obscured. Overcast. (R. E. P.)

2 p.m. Temperature falling. Wind dropped. Barometer steady. Overcast. Still thick to S. (R. E. P.)

8 p.m. The wind has again sprung up and blows steadily of force 5 to 6. Its chief direction is from the S., but at present it is slightly W. of S. No drift or snow accompanies it but the glaciers and the mountains to the W. are obscured. The sky is still overcast with Nimbus haze through which, however, the auroral glow shows in the N., and at sunset the disc of the sun could be seen. Temperature has just passed above zero. Barometer steady. (R. E. P.)

August 21st, 1911.

8 a.m. Clear. Light southerly breeze. The breeze of medium strength similar to that recorded yesterday has only just sunk to a light zephyr.

The temperature remains high, in the immediate neighbourhood of zero.

Barometer steady. Glaciers clear. (R. E.P.)

2 p.m. Clear. Temperature oscillating. Barometer steady. Slight S.S.E. breeze at the camp. On Cape Adare a breeze of force 4 to 6 blows from the S.E., S.W. or S., varying with the contour of the ground. Its true direction was probably S. Glaciers clear. (R. E. P.)

8 p.m. Clear. Calm. Barometer steady. Temperature still near zero, and oscillating. Glaciers hazy. (R. E. P.)

August 22nd, 1911.

8 a.m. Barometer fallen slightly. Temperature falling. Glaciers clear.
Calm. Clear. A little Strato-cumulus low down on the northern horizon suggests frost-smoke and open water to the N. (R. E. P.)

2 p.m. Clear. Calm. Temperature and barometer steady. All day Cirro-stratus and Alto-stratus clouds trending W. and E., and apparently drawing towards a focus in the W., have occupied the lower portions of the sky, but there has been no cloud within 45° of the zenith.
Much frost-smoke is rising from the open water to the N., but is being absorbed into the atmosphere at a low level. Between 12 and 1 o'clock a whale-backed cloud formed and dissipated again to the S. of the southern end of Cape Adare at a height of about 4,000 feet.
From time to time trails of frost-smoke formed to the N.W. of Minto and Adam, and occasionally whirlwinds of snow fog have been observed travelling fairly slowly down Warning Glacier. A light southerly air here has been marked most of the day. I shipped the new Solar Radiation thermometer to-day. Its number is MO 952, and it is shipped in the same position as the one last summer. (R. E. P.)

8 p.m. Clear but hazy. Calm. The southern nine-tenths of the sky is covered with a thin haze through which the stars shine with scarcely diminished brightness, and which is only rendered plainly visible by the contrast this portion of the sky shows against the lighter-hued sky along the N. and W. horizon and by a comparison of the brightness of the stars in the two sections. This afternoon a S.E. breeze blew for some time and was accompanied by a rise of temperature which still continues. The barometer is rising slowly.
(R. E. P.)

10 p.m. A S.E. breeze of moderate strength sprang up but only lasted for a short time.
(R. E. P.)

August 23rd, 1911.

8 a.m. Calm. Clear. A little Stratus to the S. and Alto-stratus to the N. Glaciers clear. Thermometer fallen 21°. Barometer steady. (R. E. P.)

2 p.m. Calm. Cloudy. Sky became partially overcast by spread of Nimbus clouds with outliers of Cirro-cumulus from the S.E. Sabine, Herschell, Adam and Minto hidden, but lower mountains clear. A little Stratus has formed also to the N. at an altitude of a few degrees. Temperature steady. Barometer settling slowly. The air this morning has been full of minute ice spicules whose presence was only rendered visible when looking towards the sun. A number of fern-like crystals have been deposited on the bulb of the Solar Radiation thermometer, and I was again, as yesterday, obliged to clean the Sunshine Recorder sphere. These ice-crystals may be due to the saturation of the air above the open water to the N.W. brought here by N.W. airs and then cooled below dew point by the recent fall of temperature. (R. E. P.)

8 p.m. Heavy spicular snow in flakes falling. ½ inch in all. N.W. breeze of force 1 to 2. Mountains, glaciers and Cape Adare obscured. Temperature steady. Barometer rising. Overcast with heavy snow-cloud. (R. E. P.)

9 p.m. Dickason reports clear sky and light southerly wind. (H. D.)

9.15 p.m. N.W. airs. Clear sky. Bank of clouds to the N. and E. behind Cape Adare is the only sign of the recent squall. (R. E. P.)

August 24th, 1911.

8 a.m. Southerly airs. Clear. Barometer risen slightly. Glaciers clear. Temperature risen 19°. Cloud cap on Cape Adare. (R. E. P.)

August 24th, 1911—continued.

11 a.m. Whirlwinds of snow are moving northwards along Cape Adare from time to time, and Campbell reported a sun-dog at the northern extremity of the Cape where the snow dropped towards the sea-ice. At the camp N.W. airs alternate with light gusts from the S. and S.E., and Dickason pointed out to me columns of snow off Cape Adare S. of the beach falling into the bay beneath. From the end of the Cape at about 4,000 feet a curious series of clouds extends in a N.W. direction. They increase in size as they move from the cliff and the first few are in shape like a series of gigantic tailless pikes; they finally merge into a roll of Strato-cumulus over the Western Mountains. The cloud cap on Cape Adare is diminishing in size. (R. E. P.)

2 p.m. Calm or southerly airs. Clear. Stratus over Geikie Land and on the northern horizon. Between noon and 1 p.m. southerly airs prevail at the camp, but the sea-smoke to northward and eastward was moving from the N.W. and banking up in the S.E. A strip of Cirro-stratus formed to the N. running E. and W. but has again dissipated. Barometer and thermometer steady. (R. E. P.)

8 p.m. Calm. Clear. Temperature steady and inclined to settle. Barometer steady. Glaciers clear. (R. E. P.)

August 25th, 1911.

8 a.m. Alternate S.E. and N.W. airs. Overcast except to the N. Indefinite snow-cloud without form. Dense clouds of frost-smoke rising to the N. and N.W. and moving from the N.W. slowly. There is a sound as of a small lake sea to the N., and there must be a considerable stretch of open water, so the meteorological conditions are probably to-day due to local ice conditions resulting in an overcast sky. Glaciers clear. Temperature and barometer steady. (R. E. P.)

2 p.m. Calm. Overcast except along the W. horizon. Temperature and barometer steady. Southerly airs to a S. breeze of force 1 to 2 have been prevalent all the morning at the Cape. Further N. there has been a distinct movement from W. to E. of the frost-smoke. The clouds rest on Cape Adare at 2,000 to 4,000 feet, and the lower portions of the mountains to the W. and of Geikie Land are clear and look very close, unusually so. A very distinct mirage on the mountains to the N.W. (This we also noticed yesterday.) (R. E. P.)

4 p.m. Snow-cloud thinning to a haze near the zenith. The only remains of the lower cloud are a small cap on Cape Adare and against the Cape to the S. Frost-smoke still going strong and moving from W. to E. Very decided mirage to the N.W. (R. E. P.)

8 p.m. Calm. Clear except for clouds to the N. and N.W. (probably frost-smoke before mentioned). Temperature and barometer steady. (R. E. P.)

August 26th, 1911.

8 a.m. Calm. Overcast with snow-cloud. Slight spicular snow falling. $\frac{1}{4}$ inch of snow during the night. Temperature risen 8°. Barometer risen very slightly. (R. E. P.)

2 p.m. Calm. Cloudy. Cloud cap on Cape Adare and Geikie Land, and Stratus, Cirro-cumulus and frost-smoke to the N. Clear to S. and W.
Temperature falling slowly. Barometer steady. (R. E. P.)

4 p.m. Sky cleared but for a little Stratus on Geikie Land. Scud over Cape Adare. Cirro-stratus trending W.N.W. and E.S.E. and a bank of fog from the open water N.W. to behind Cape Adare. The sun has shone steadily since 2.30, but off the card. (R. E. P.)

8 p.m. Calm. Clear but slightly hazy. Temperature fallen several degrees. Barometer steady. (R. E. P.)

August 27th, 1911.

8 a.m. Calm. Overcast. Barometer rising. Temperature risen 8°.

2 p.m. Calm. Overcast but clearing from the W. Temperature falling. Barometer rising slowly. A brilliant sun-dog to the left of the sun, with about 15° of arc of a halo of 22° showing through it. Rainbow colours with the red colours passing through it. To the right of the sun is dense Nimbus, and it is through the thin haze on the outside of this, which causes the sun-dog, that the sun is shining. The cloud is continued to sea level to S. and E. of us by a snow fog, but no snow is falling at camp, although the fog partially veils Cape Adare.

8 p.m. S.E. wind of force 1 or more in gusts to calm. Clear but rather hazy.
Temperature risen 12° since 4 p.m. Barometer rising slowly but steadily.

August 28th, 1911.

8 a.m. Westerly wind varying in force during the night from 2 to 0. Overcast. Barometer risen a little. Temperature steady.

2 p.m. Sky becoming hazy and overcast. Sun-dog to right of sun, Nimbus to left. Calm. Temperature falling slowly. Barometer steady.

8 p.m. Calm. Cloudy. Thick to S. with Nimbus haze. Glaciers obscured. Stratus and frost-smoke to N. Temperature and barometer steady.

August 29th, 1911.

8 a.m. Calm. Overcast. Thickest to N. and W. Heavy frost-smoke to N.W. moving slowly from the E. and S. Glaciers obscured. Barometer fallen. Temperature fallen 8°.

2 p.m. Calm. Overcast except near the zenith and hazy everywhere. Glaciers obscured. ¼-inch of granular snow has fallen to-day as fine grains smaller than a pin's head. Barometer and temperature steady.

8 p.m. Calm. Overcast with haze, thinnest near the zenith, where stars show dimly. Slight spicular snow falling. Moon was surrounded at 7 p.m. by a faint halo of 22°. The sky cleared a good deal before 6 p.m., but has again become overcast since then. Temperature and barometer steady.

August 30th, 1911.

8 a.m. Calm. Cloudy. An Alto-stratus radiant with the radiant point N.W. Barometer fallen. Temperature steady.

2 p.m. Calm. Cloudy. Scud moving from the S.E. The sky cleared a good deal during the morning. Temperature steady and normal. Barometer steady to rising.

While walking this morning Abbott called my attention to whirlwinds of drift moving fairly slowly off the N. end of the cliff.

The air beneath was full of ice fragments. A short time afterwards we saw drift moving rapidly along the sea-ice from the S.E., and beyond the Sisters we walked into a breeze of force 5 to 6. It has remained calm all the morning at camp.

Levick reports a trail of cloud from Mt. Minto towards the S.E. at the summit of the mountain. At present there is a slight cap on Cape Adare and a low-lying fog from Warning Glacier into the bay.

6 p.m. During the afternoon whirlwinds of snow came rushing down the sides of the Cape and across the lakes; a rushing sound was heard and reported from behind the Cape. At the 6 o'clock observations the noise behind the Cape could be heard, and the Cape itself was covered with a thick mist, also to the S.E. was black, the clearest part being about W.S.W. to the W, There was a wind of force 1 from the W. (H. D.)

6.30 p.m. Browning reports a wind from the N.W., force 3 to 4, with snow and drift.
(F. V. B.)

August 30th, 1911—continued.

8 p.m. Very thick with Nimbus haze. Cape Adare became quite obscured while I was taking the observations. Gusts blew from the S.E., N., and N.W., and then E.S.E. wind set in gradually increasing in force. Temperature rising but still low. Barometer falling.

August 31st, 1911.

8 a.m. E.S.E. wind of gale force with severe but short gusts blowing all night.

This morning the wind had decreased considerably in force and swung to the S. and then to the S.E. It is noteworthy that again, although the commencement of the wind was accompanied by thick clouds of high snow, it soon blew clear with the exception of some local low drift. The temperature rose a little above zero. Barometer fell and is still low. The clouds were, according to Campbell, very typical of wind.

They were arranged in a radiant from the N. with very heavy rays with serrated edges.

The thermograph is a nuisance. There is always something wrong with it. Usually the clock stops in the middle of the week. Last night it again got drifted up and the lever was holding the pen down too low. When the temperature is below −25° the pen is off the paper and running along the lower end of the clock, but it is impossible to screw it any further for I have already twisted the end of the screw off.

As usual the Minimum thermometer dumbbell was shaken down into the bulb last night and the Terrestrial Radiation thermometer had developed a fine healthy young bubble.

11 a.m. Low rumbling sound in Robertson Bay to the S.S.E. This appeared to be working W. and growing louder. The base of the mountains was now blotted out by cloud or drift. Gust of wind from the N. up to force 4. A distinct swell is causing the young sea ice to undulate off the Spit and N. shore. Water sky to the N. (V. L. A. C.)

11.53 a.m. N. wind of force 3 to 4. No drift.

12 noon. Rumbling noise in S.W. Mountains obscured. N. wind force 2. (H. D.)

12.15 p.m. Rumbling noise in W. Mountains obscured. N. wind force 2 to 4.

12.45 p.m. Spicular snow falling. Wind in gusts from the S.

2 p.m. Spicular snow falling in flakes of dozens of tiny spicules. Gusts from the N., N.N.W., W., S.W., and S., followed in quick succession, and then after a longer interval of calm a heavy gust, force 5 to 6. with snow from the S.W.

This last gust was of long duration. Barometer rising quickly. Temperature above zero. Glaciers obscured.

2.30 p.m. Wind swung to S.E., increased to force 8 in gusts. Bringing snow and drift.

3 p.m. Wind from the S., force 7 to 8, accompanied by snow and drift. (F. V. B.)

4 p.m. Wind from the S. force 5 to 8. No snow or drift. Sky overcast with the usual indefinite Nimbus haze and heavy rolls of Strato-cumulus below this to the S. and S.W.

5.50 p.m. S.E. wind of force 5 to 6. No drift. (G. P. A.)

8 p.m. S. wind of force 6 to 8 blowing. Overcast with dense Nimbus haze.

Temperature steady just below zero. Barometer rising steadily.

This aftermath of steady S. Southerly wind after the E. Southerly gales was characteristic of the Autumn weather, and appears to be a feature also of those gales we have had since the return of the sun.

No snow or drift.

12 p.m. Southerly wind of force 7 to 8. No drift. (G. P. A.)

September 1st, 1911.

8 a.m. S.S.E. wind of force 3 to 4. The wind blew fairly steadily all through the night. Overcast with thick Nimboid fog. Mountains and glaciers obscured. A little snow falling as spicules, collected in a few dozen as flecks. This snow is thicker along under the cape. Temperature steady just below zero. Barometer rising steadily. (R. E. P.)

2 p.m. S.S.E. wind force decreasing gradually until now 1 to 3. Sky obscured, but breaks here and there. Sun dimly showing through clouds. Temperature steady just below zero. Glaciers and mountains obscured. Barometer rising fast. (R. E. P.)

8 p.m. Calm and clear. Hazy. Clear prismatic halo round the moon. Glacier clear. Temperature falling. Barometer rising slowly. (R. E. P.)

September 2nd, 1911.

8 a.m. Calm. Cloudy. Glaciers clear. Barometer fallen slightly. Temperature steady. (R. E. P.)

2 p.m. Calm. Hazy to overcast. Glaciers clear. The sun has shown to-day for nearly four hours, but always through a mist. Barometer falling. Temperature steady and fairly high. (R. E. P.)

5.50 p.m. Noise of pressure E. of Cape Adare. Cloud forming on top of Cape Adare peninsula. Scud travelling from the E. Warning glacier nearly obscured. Light N.W. airs. (V. L. A. C.)

8 p.m. N.W. airs. Clear but hazy. Noise from behind the cape. Scud travelling fast from S.E. Temperature and barometer steady. (R. E. P.)

8.30 p.m. S.E. wind of force 1 to 0. (R. E. P.)

12 midnight. Loud noise behind Cape Adare. Scud travelling rapidly from the S.E. Wind 0 to 1 W. (G. P. A.)

September 3rd, 1911.

8 a.m. Barometer fallen. Temperature risen 26 degrees. Strong southerly wind blowing since midnight. No drift. Clear. (R. E. P.)

2 p.m. Barometer steady. Temperature remains high and steady. Overcast, with fairly high Nimbus. Glaciers clear. No drift or snow.
The wind swung to the E. a short time ago and still blows at gale force. (R. E. P.)

8 p.m. Strong southerly or rather easterly wind. Has never even in gusts reached force 12. It has been quite free from drift or snow and Campbell has come round to my opinion at last that the thick snow which accompanies the beginning of most of our winds has fallen directly here or in the immediate neighbourhood. Barometer steady. Sky overcast, with fairly high and thin Nimbus. Glaciers clear. Temperature remains steady and high (+ 15° F.). (R. E. P.)

September 4th, 1911.

8 a.m. Clear, southerly wind still blowing and maintaining a strength of force 7 to 10. Clouds have thinned a good deal. Clear to N. and sun shining.
Glaciers clear. No drift or snow. Temperature has risen five degrees, but the sun is shining right into the screen. Barometer steady.
Wind E.S.E. since last night about 8 p.m. (R. E. P.)

2 p.m. Wind swung to S. and very gusty. Much less in force and quite calm between gusts. Very fine whalebacked clouds off Cape Adare with wisps of Cirrus. Barometer rising. Temperature falling steadily. (R. E. P.)

September 4th, 1911—*continued.*

8 p.m. The wind died down completely about 2.30 p.m. Just before the end we had two or three smart gusts from the N.E. and N.W. and then one final strong one, force 6 to 7 from the S. Since then it has been calm.

Granular snow began to fall about 4.30 p.m., but had stopped by 5 p.m.

Overcast still, but glaciers clear. Temperature falling slowly.

Barometer rising steadily. (R. E. P.)

September 5th, 1911.

8 a.m. Calm or Easterly airs. Overcast with light spicular and granular snow. $\frac{1}{4}$ inch during the night. Temperature steady just below zero. Barometer fallen a tenth during the night.

Glaciers obscured by Nimbus fog. (R. E. P.)

4.30 p.m. Loud sound of wind behind the cape. Slight granular snow falling. $\frac{1}{2}$ inch up till now. Very thick, Cape Adare almost obscured. Occasional gusts of wind. (R. E. P.)

8 p.m. N.W. wind of force 4 to 0, with occasional airs from the S.E. Slight granular snow still falling. Cape Adare almost obscured. Noise behind Cape at 4, increased at 6 p.m. Stopped at 7 p.m. Glaciers and mountains obscured. Temperature falling steadily. Barometer steady. (R. E. P.)

12 midnight. Wind from the S.E. of force 2. Heavy granular snow falling. (H. D.)

September 6th, 1911.

8 a.m. Cloudy. S. wind of force 0 to 2. Temperature falling. Barometer risen three-tenths. Clearing to S. (R. E. P.)

2 p.m. Calm. Clear. A little scud on Cape Adare. Temperature steady. Barometer rising steadily. (R. E. P.)

8 p.m. S. airs. Clear. Barometer rising. Temperature falling slowly. Glaciers clear. A little scud on Cape Adare and Stratus from Geikie Land to Western Mountains. (R. E.P.)

September 7th, 1911.

8 a.m. Calm. Cloudy. Glaciers half obscured. Temperature rising a little. Barometer risen during the night. Clouds spreading from the S. (R. E. P.)

2 p.m. Overcast. Snowing slightly. Snow-fog lifting a little from the S. Temperature rising. Southerly airs. Barometer rising. (R. E. P.)

5.30 p.m. While returning from taking our sledges down the coast this afternoon we had a very good view of the sunset. The sun showed as a reddish or yellow bright ball through thin haze, and Campbell and I saw it change to an apple-green just before dipping. Abbott also observed the change but did not notice the colour it changed to. (R. E. P.)

8 p.m. This is the last entry in this log until Browning and Levick return from the trip to Warning Glacier. I shall not be back probably until some way into October.

Overcast. Calm or occasional gusts from the S. Barometer steady. Temperature steady. (R. E. P.

Wednesday, September 13th, 1911.

8 a.m. First entry since sledging. S.E. airs. Granular snow falling. Clouded with Nimbus. Clear to S.E. Temperature — 13·5° F. (F. V. B.)

8 p.m. Calm and clear. Barometer rising slowly. Temperature falling. Slight granular snow fell during the day and clouds of drift could be seen moving along the top of the mountains to the S. A light Stratus cloud has been stretched across the foot of the hills to the S.E. About 2.30 p.m. a sun-dog appeared in the N.N.W. Sun during the day $4\frac{1}{2}$ hours. (F. V. B.)

Thursday, September 14th, 1911.

8 a.m. Dull morning. Clear to S.E. Very thick Nimbus haze to the N.E. and W. Barometer fell slightly during last night. Temperature rising. Wind from the S.E. of force 1. (F. V. B.)

8 p.m. Barometer falling slowly all day. Temperature has risen 18 degrees during the day. Wind continued to blow from the S.E. until 11.30; then it died away. Scud on Cape Adare moving rapidly from the E.S.E.

Spicular snow started to fall about 11.45, and fell heavily up to six o'clock. I took the measurement, and found that $\frac{3}{4}$ of an inch had fallen. Between the six and eight p.m. observations the snow had changed in form from spicular to a six-pointed star; these to look at were like little ice stars, and were falling very thick and still continue at the time of making this entry. A loud noise has been heard behind the cape since 4 o'clock. Sunshine nil. (F. V. B.)

Friday, September 15th, 1911.

8 a.m. Overcast with Nimbus haze. Slight clearing to S. and N. Sun shining through the haze. During the night $4\frac{1}{4}$ inches of snow fell. Between noon yesterday and the 8 a.m. observations to-day the snowfall was $5\frac{3}{4}$ inches.

The noise continues behind Cape Adare; there is a light E.S.E. wind of force 0 to 2. Barometer fell gradually during the night. Temperature rising. Glaciers obscured. (F. V. B.)

8 p.m. Barometer rising steadily all day. Temperature rose during the morning, but is now falling steadily. Sky has been overcast with thick Nimbus haze, but at 6 p.m. it cleared in the zenith and to the westward.

The noise continues behind Cape Adare. Light winds from the N.W. of force 1 to $3\frac{1}{2}$. Spicular snow fell from noon to 5 p.m. To-day's sunshine 40 minutes. (F. V. B.)

Saturday, September 16th, 1911.

8 a.m. Blizzard from the S.E. accompanied by drift. Wind force 10 to 11. Barometer fell quickly during last night and the wind increased about 12 midnight. At 2.30 a.m. the wind was of force 10 to 11. Clouds of drift were flying along, making it impossible to see five yards ahead.

At 5.30 a.m. the wind was as strong as ever, but not so much drift. The snow which was covering the Cape yesterday has nearly all gone. Temperature rising.

10 a.m. The spirit reading of the Terrestrial Radiation Thermometer is 27° F., but of the dry and Minimum 15·8° F. and 16° F. respectively. I took a second reading, as I thought I had made a mistake, but found it correct. At noon the readings were as follows: D.B., 11·0° F.; Min., 11·8° F.; T.R., 25° F.

8 p.m. Wind easing a little. Barometer rising. Temperature falling. Overcast with Nimbus. Between 2 and 4 the wind increased in force to force 12, carrying with it small pebbles.

Drift continues to blow off the Cape. Mountains and glaciers to the S. have been obscured all day. (F. V. B.)

Sunday. September 17th, 1911.

8 a.m. Overcast. Wind from the S.E. of force 4 to 7. Barometer rising. Temperature falling slowly. The wind eased down last night considerably, and at 2.30 a.m. there was light S.E. breeze of force 1, with spicular snow.

At 7.30 a.m. the wind had increased to force 4 to 7 and still continued to blow. Practically all the snow has gone off the peninsula; this is about the cleanest sweep we have ever had. I unshipped the Terrestrial Radiation Thermometer this morning and I found it had a large bubble in the glass bulb. No doubt this was the cause of the high reading yesterday. (F. V. B.)

Sunday, September 17th, 1911—continued.

8 p.m. Barometer rising. Temperature falling slowly. Clear and bright. Heavy winds from the S.S.E. and S.E. blowing force 4 to 7 until 3.30, when it died away. It has been overcast all day with an occasional break in the clouds. To-day's sunshine ¼ hour. (F. V. B.)

Monday, September 18th, 1911.

8 a.m. Barometer steady. Temperature falling slowly. Clear in zenith and to N. A heavy Nimbus cloud on Cape Adare from N. to S.S.E. moving from the S.S.E. Lines of Stratus along the foot of the hills to the S. Calm. (F. V. B.)

8 p.m. Barometer steady. Calm and bright. A thick fog has been hanging over the Cape all day, but cleared a little about 3 p.m., when the sun shone brilliantly for about 1½ hours. Later in the evening the fog cleared altogether. Temperature falling slowly. To-day's sunshine 3 hours. (F. V. B.)

Tuesday, September 19th, 1911.

8 a.m. Barometer risen during the night. Temperature steady. Heavy Nimbus clouds on Cape Adare. Scud moving from the E.S.E. Calm. Glaciers obscure. (F. V. B.)

8 p.m. Barometer rising. Temperature steady but fairly high. Calm day with heavy Nimbus haze to the S. Occasional falls of granular snow. Noise of pressure to N. of Cape Adare. To-day's sun 1½ hours. (F. V. B.)

Wednesday, September 20th, 1911.

8 a.m. Barometer fell slightly last night. Temperature rising. S.E. wind of force 2 to 6, with occasional clouds of drift. At 6.30 a.m. a N.W. wind was blowing force 2 to 4.

8 p.m. Barometer rising. Temperature falling slowly. Wind from E.S.E. of force 4 to 6. Overcast with Nimbus. Glaciers pretty obscure. There has been a heavy wind from the E.S.E. all day of force 5 to 8, increasing at 2 p.m. to force 10. Clouds of drift and grit have accompanied it.

Spicular snow fell from 10 a.m. to 4 p.m. No sunshine. (F. V. B.)

Thursday, September 21st, 1911.

8 a.m. Barometer rising. Temperature falling. Obscure with Nimbus haze. Wind from the S.S.E. force 0 to 3. (F. V. B.)

8 p.m. Barometer rising. Temperature falling slowly. Overcast all day with Nimbus haze. Sun just visible through the haze. Towards the evening it cleared a little in the zenith and to the S.E. Wind from S.S.E. all day of force 3 to 4. To-day's sunshine 1¼ hours. (F. V. B.)

Friday, September 22nd, 1911.

8 a.m. Calm and clear. Temperature fallen a little. Barometer unusually high. Glaciers clear. (R. E. P.)

2 p.m. Southerly airs. Cloud cap forming on Cape Adare, but clear everywhere else. Temperature steady about zero. Barometer 29·888 inches, the record in height since our arrival.

8 p.m. Calm. Clouded over with Stratus and Nimbus, with a fringe of Cirro-cumulus spreading westward from Geikie Land and Cape Adare. Temperature steady. Barometer rising slowly still. (R. E. P.)

Saturday, September 23rd, 1911.

8 a.m. S.S.E. wind of force 1 to 2. Clear. Alto-stratus and Cirro-stratus radiant, radiant point S.E. and N.W. Glaciers clear. Barometer still high, but commencing to fall. Temperature fallen 10° F. (R. E. P.)

Saturday, September 23rd, 1911—continued.

8 p.m. Wind about force 1 in the earlier part of the day from the S.S.E., later working further Southward. In the afternoon a light Nimbus haze appeared, spreading all over the sky. Barometer dropping. Temperature falling as the sun was obscured. Sun shining 6 hours and 5 minutes. (G. P. A.)

Sunday, September 24th, 1911.

8 a.m. Barometer falling. Temperature steady.
Slight spicular snow falling. Very thick to the S.E. Nimbus haze.
Small patch of blue sky to the S.S.W. Calm. $\frac{1}{4}$ inch of snow during the night.
(G. P. A.)

8 p.m. Barometer rising. Temperature rising from 10 a.m. to 6 p.m. Wind fairly constant S.S.E. of force 1. Alto-Stratus clouds, fine sunset. New moon. (G. P. A.)

Monday, September 25th, 1911.

8 a.m. Barometer falling slowly. Temperature fallen during the night. Calm. Nimbus haze. Large Stratus cloud obscuring the glaciers. (G. P. A.)

8 p.m. Barometer falling quickly. Temperature falling until 2 p.m., when it commenced to rise rapidly from 4 p.m. to 8 p.m. A large Stratus cloud obscured the glaciers in the morning. Drift on the top of Cape Adare in the afternoon. Commenced to blow with low drift in various directions at 4.30 p.m. Winds gradually getting stronger. Blowing hurricane gusts at 10 p.m. (G. P. A.)

Tuesday, September 26th, 1911.

8 a.m. Barometer low and steady. Temperature high and steady. Wind strong and very gusty, 8 to 10, with occasional squalls of force 12. Sky overcast with Strato-cumulus and Nimbus. No drift. Warning glacier clear.
Sir George Newnes Glacier obscured. Mountains visible from the S. to S.W. by S.
(G. P. A.)

8 p.m. Barometer gradually rising. Temperature steady. Sky obscured all day by Nimbus clouds. The sun shone dimly through the haze for a few minutes from 1 p.m. to 2 p.m. Wind eased from 2.30 p.m. to 6 .30 p.m., when it came on to blow again from the S.E. force 2 to 4. Barograph dropped suddenly at 7.15 p.m. Wind getting stronger. (G. P. A.)

Wednesday, September 27th, 1911.

8 a.m. Barometer rising. Temperature steady. Overcast with Nimbus haze. Wind gusty, 1 to 5. Warning Glacier clear. Sir George Newnes Glacier obscured. Mountains clear, except directly to the Southward. (G. P. A.)

8 p.m. Barometer rising. Temperature falling. Overcast with Nimbus during the earlier part of the day. Sun shining dimly through the haze in the afternoon, but not strong enough to mark the record. Sir George Newnes Glacier obscured all day. Warning Glacier clear. Sky clearing at night. Aurora to the Northward. (G. P. A.)

Sledging Trip to Warning Glacier.

September 23rd, 1911.

1 p.m. Two miles south of Seal Point. Light northerly airs forming scud on Cape Adare and Warning Glacier. Otherwise clear but for a Cirro-Stratus and Alto-Stratus radiant, with radiant points N.E. and S.W. Bright and warm sun.

September 23rd, 1911—continued.

2.35 p.m. Opposite Camp Glacier. Beautiful day still. Light Westerly airs follow a N.W. breeze of force 2 to 3½. The Alto-Stratus radiant is still present running S.S.W. and N.N.E., and underneath it a long bar of Cirro-Stratus is just formed running N. and S. and moving bodily but very slowly from the N.W.

3.30 p.m. Temperature + 1·8° F. Weather calm and still bright, though overclouding from the N. with Nimbus haze.

September 24th, 1911.

8 a.m. Temperature — 1·0° F. Overcast. ⅜ inch of snow during the night. Clearing a little to the S. Dense bank of snow fog from Sir George Newnes Glacier and a smaller bank from the Southern end of Warning Glacier. Noise of wind to the S. of us. North end of Cape Adare hazy and blue. Calm and N.W. gusts here.

4 p.m. This morning after breakfast we could see drift and snow rushing to the W.N.W. off Cape Adare to the N. of us, and across the sea ice a mile or two out from us N.W. gusts were also sweeping the snow along in front of them. Finally a bank of snow was also being driven from the S. end of Warning Glacier and over the ice from the E.S.E. The noise of wind in the cliffs increased, and the area free from drift became much circumscribed.

At 4 p.m. I woke to find the weather calm and the wind ceased and to realise that only a few sporadic gusts with heavy drift had reached us.

Barometer, 8 a.m.	28·85 inches.
Barometer, 4 p.m.	28·94 inches.
Temperature, 8 p.m.	+ 1·0° F.

8 p.m. The sky was lightly clouded over with high Stratus when we turned out, but has since cleared. Simultaneously light fleecy clouds formed on Cape Adare, and Warning Glacier, but these in their turn have cleared away.

The sky is now quite clear except for a little Alto-Stratus over the Western Mountains and a Stratus cloud against the N. end of the Cape.

Calm in our camp, but light Northerly airs outside.

A beautiful red sunset. Barometer at 8.45 p.m., 28·95 inches.

September 25th, 1911.

8 a.m. Temperature — 1·8° F. Overcast with Nimbus haze. Slight granular and spicular snow.

12 noon. Temperature + 5·4° F. Slight S.E. and N.W. gusts. Slight spicular snow. Cleared a little to the S., but a thick haze between us and the Western side of the bay, through which the tops of the mountains are just showing.

4 p.m. Bad light. Spicular snow. Gusts from the S.E. of force 1 to 2. Very thick to the South of the glacier. Mountains blotted out E. of Sir John Murray Glacier. Turned in after lunch. Barometer 28·73 inches.

6 p.m. Barometer 28·48 inches. Temperature + 11·8° F. Completely overcast with Nimbus haze. Dense clouds of drift. To the N. of us the drift from the N. end of Warning Glacier cuts out Cape Adare, and to the S. of us there is a bank between Sir George Newnes Glacier and us.

The Western Mountains are visible as far as Cape Barrow and are then veiled in snow. Occasional variable gusts reach us. Never strong wind and mostly calm.

8 p.m. Gusty wind reached us. Barometer 28·43 inches.

September 26th, 1911.

10 a.m. Barometer 28·43 inches. Wind is strong and sustained, and has been blowing to force 10 all night. Overcast but little drift.

September 26th, 1911—continued.

12 noon. Barometer 28·42 inches. Wind very gusty. Longer lulls between the gusts. Still very strong in gusts.

2 p.m. Wind ceased except in gusts. Temperature 16·8° F. Strong clouds of drift still blowing off Cape Adare and the back of Robertson Bay still completely hidden from us. We can still hear the wind on the Glacier.

4 p.m. A line of mist from Sir George Newnes Glacier still hides all the Western Mountains except some peaks, and snow is coming down Cape Adare in stately whirlwinds some of which are being carried right out into the bay.

5 p.m. Temperature + 14° F. Very heavy N. and S.S.E. gusts. They alternate with fairly long lulls. Barometer 28·35 inches.

6 p.m. Barometer 28·29 inches. Situation practically unchanged. Drift heavier to the Northward and to South. Very heavy gusts from the S.S.E.

September 27th, 1911.

8 a.m. Temperature + 10° F. Barometer 28·61 inches.
Gusts of S.S.E. and N.W. wind. Back of the bay still hidden by mist and drift from Sir George Newnes Glacier. Cape Adare clear. Very strong mirage west of the bay. Last night the wind was very gusty, reaching force 12 from the S.S.E. frequently. (R. E. P.)

Sling Thermometer No. 57. (All sledging notes to now.)
Sledging Barometer No. 6.
No. 754. T. Cooke & Sons, Ltd.,
London, York and Cape Town.
Comparison with K.S.B.
3.30 p.m., 28/9/11.

Sledging Barometer	28·84 inches.
Kew Standard Barometer	28·856 inches. (R. E. P.)

Cape Adare.

September 28th, 1911.

8 a.m. Barometer and temperature steady. Overcast. S.S.E. wind still blowing up to force 4 in gusts. Warning Glacier still clear. Mist in front of Sir George Newnes Glacier. (R. E. P.)

2 p.m. Barometer steady. Temperature steady. Clearing and wind dropping. Wind swung to the W., but is again back well to the S. (R. E. P.)

8 p.m. Calm. Cloudy but clearing. Temperature falling slowly. Barometer steady. Campbell reports glazed frost depositing on his theodolite.
Heavy bank of clouds to the S.W. (R. E. P.)

September 29th, 1911.

8 a.m. Calm. Clear. Glaciers clear. Barometer and temperature steady. A bank of Strato-cumulus to N.W. and E. and a low strip of Stratus along the Admiralty range. (R. E. P.)

8 p.m. Clear. Southerly airs. Barometer steady. Temperature falling.
Fine all day with light Southerly airs. (R. E. P.)

September 30th, 1911.

8 a.m. Clear. Calm. Barometer steady to falling. Temperature steady well below zero. Glaciers clear. (R. E. P.)

5 p.m. Day continues calm and clear. Barometer and temperature steady to falling. (R. E. P.)

October 1st, 1911.

8 a.m. Calm. Clear. Temperature fallen a little. Barometer fallen a good deal. A little scud to the S. and Strato-cumulus along the N. and W. horizons. Glaciers clear. (R. E. P.)

2 p.m. Southerly airs. Cloudy. Barometer steady. Temperature risen 5°. Glaciers clear. (R. E. P.

8 p.m. Southerly airs. Clouding over from the S.E. with Nimbus with a fringe of thin haze. Glaciers obscured. Fine sundogs at 6 p.m.

Temperature falling a little again. Barometer steady. (R. E. P.)

October 2nd, 1911.

8 a.m. Easterly airs. Cloudy. Very windy sky. Cirro-cumulus and hair-like Cirrus. mackerel sky and mares' tails, arranged as a radiant from N.E. to S.W. and moving slowly bodily from the S. Underneath this scud moves rapidly from the S.E. and banks up to the S. of Cape Adare.

Sir George Newnes Glacier hidden by mist. Temperature steady and barometer risen. (R. E. P.)

5 p.m. Overcast all day. At 4.50 p.m. Dickason called me out to hear the roaring noise that had suddenly started behind the Cape. I saw a cloud of snow rush over the hill from the S.E. and a minute later a gust of wind of force 4 to 7 reached us at the hut. The wind continues at present from the S.S.E. and S. (R. E. P. and H. D.)

N.B.—The thermograph record last week was only 4 days, as Campbell and Abbott forgot to shift it, and the paper remained on until the 28th. There was thus a double record on the previous paper. (R. E. P.)

8 p.m. S. wind of force 3 to 5 inclined to drop. Noise behind the Cape. Thickly overcast with Nimbus haze. Glaciers obscured. Slight spicular snow. Snow fell this evening as flakes of several grains each. (R. E. P.)

10 p.m. Southerly wind of force 1 to 2. Noise behind the Cape. Thickly overcast with Nimbus haze. Glaciers obscured. Slight granular snow. There have been some complete lulls of wind between 9.30 p.m. and 10 p.m. (G. P. A.)

October 3rd, 1911.

8 p.m. Barometer steady. Thermometer falling steadily. Calm or southerly airs. Clear but hazy. An Alto-stratus and Cirro-stratus radiant point N. and S. Halo of 22° round the sun.

October 4th, 1911.

6 a.m. Barometer steady to falling. Thermometer falling (−13° F.). Calm. Overcast with Nimbus fog this morning. but now a large patch has cleared in the zenith. A lead of open water close off Cape Adare to the westward is betrayed by the near presence of the clouds of frost smoke.

Leave for the West this morning. (R. E. P.)

(*The gap can be filled from the Sledging Meteorological Diaries of the two Western Parties.*)

October 14th, 1911.

First entry after sledging trip. (F. V. B.)

8 p.m. A blizzard from the S.E. has been blowing all day. It started yesterday afternoon before our return. Heavy clouds of drift and snow continued to blow across the Cape until 4 p.m. to-day, the wind which had been blowing force 8 to 10 then eased a little. Barometer steady and temperature rising. Between 6 and 8 p.m. the wind eased down to force 3 to 5 and the sky cleared a little to the W., but soon became overcast again with Nimbus haze, and spicular snow fell. Wind continues to blow force 3. Barometer steady and temperature fell a little between 6 and 8 p.m. Owing to our having just returned from sledging and being busy getting things ship-shape only 4 hour observations have been taken to-day. A wide stretch of open water is visible between the icebergs to the N.W. 1½ hours sun. (F. V. B.)

October 15th, 1911.

8 a.m. Barometer rising slowly. Temperature fell during last night. Wind continues to blow from the S.S.E. force 3 to 5. Clear to the N. and W. (F. V. B.)

8 p.m. Barometer falling. Temperature steady. Wind continued to blow from the S.S.E. until 4.30 p.m., when it went around to the S. and increased to 4 to 6. Hills to the S. have been obscure nearly all day with a thick Nimbus haze. Between 6 and 8 the wind eased a little, but continues to blow about force 3 to 5. 11½ hours sun. (F. V. B.)

October 16th, 1911.

8 a.m. Barometer fell slightly during last night. Gusty wind from the S. of force 0 to 4. Overcast with Nimbus haze, sun just visible.
Temperature falling slightly. Glaciers obscure. (F. V. B.)

8 p.m. Barometer rising slowly all day. Temperature falling. Overcast with Nimbus haze. About noon the wind died away and spicular snow started to fall. Between 6 and 8 a wind started to blow from the N.E. of force 1 to 4. With low drift and spicular snow. (¼ inch of snow.) Hours of sunshine, nil. (F. V. B.)

October 17th, 1911.

8 a.m. Barometer has fallen during the night. Temperature steady. Light wind from the S.E. of force 1 to 2. Heavy Nimbus on top of the Cape and to the S.E. At 6 a.m. spicular snow was falling but there was no wind. Clear to the N. and W. (F. V. B.)

8 p.m. Barometer falling and temperature falling. E.S.E. wind of force 7 to 8. Heavy granular snow and drift; impossible to see more than a few yards before.
The barometer and temperature have been falling all day. At noon a N.W. wind was blowing of force 1, and at two o'clock had increased to force 3; at 4 p.m. it had gone round to the S.E. force 3 to 5, and thick granular snow began to fall rather larger than the ordinary granular snow. At 6 p.m. the wind had eased a little, but snow continued to fall. At present it is blowing from the E.S.E. force 7 to 8. Snow falling heavily. A loud noise behind Cape Adare this afternoon. To-day's sun, 2 hours 40 minutes. (F. V. B.)

October 18th, 1911.

8 a.m. Barometer rising. Temperature falling. Southerly wind of force 1 to 2. Overcast with Nimbus haze with a slight clearing to the N.
Glaciers partly obscure. 2 hours 20 minutes sun.

8 p.m. Barometer steady. Temperature falling. Southerly wind of force 1 to 2; a wind from the S. has been blowing all day, changing from S. to S.S.E., S.W. and to S. again. Force 1 to 4. Sky overcast with Nimbus haze except to the W. Glaciers obscure. (F. V. B.)

October 19th, 1911.

8 a.m. Barometer falling. Temperature falling. S.E. wind of force 1 to 3. Overcast with Nimbus haze. Very thick to the S.E. Glaciers obscure. (F. V. B.)

October 19th, 1911—continued.

8 p.m. Barometer falling. Temperature rising. Calm. Overcast except a little to the S.W. There has been a light S.E. wind blowing nearly all day, force 0 to 3. Sky overcast with Nimbus haze. Light fall of spicular snow at 10 a.m. To-day's sun 2 hours. (F. V. B.)

October 20th, 1911.

8 a.m. Overcast with Nimbus. Spicular snow falling. Barometer falling. Temperature rising. Calm. Hills to S. and W. obscure. Very thick to the S.E. (F. V. B.)

8 p.m. Barometer rising slowly. Temperature falling. Spicular snow fell during the day. Overcast with Nimbus haze. Sun just visible.

At 2 p.m. a wind was blowing from the N.W., force 1 to 2, but died away before 4 o'clock. Glaciers obscure all day. 1½ hours sun. (F. V. B.)

October 21st, 1911.

8 a.m. Overcast with N.W. airs. Clear to S. above Geikie Land.

Temperature risen several degrees. Barometer risen. Arrived back from Western trip yesterday. (R. E. P.)

Check on Sledging Barometer.

8 a.m. Kew Standard Barometer in the hut .. .. 28·874 inches } At. Ther.
Sledging barometer (No. 12) in hut .. .. 28·774 inches } 48·8.

No. 12 is No. 760. T. Cooke and Sons, Ltd., London, York and Cape Town.

10 a.m. Kew Standard Barometer .. .. 28·892 inches.
Sledging barometer .. .. 28·770 inches.
Attached thermometer .. .. 45·2° F.

12 noon. Kew Standard Barometer .. .. 28·888 inches.
Sledging barometer .. .. 28·78 inches.
Attached thermometer .. .. 47·1° F.

2 p.m. Kew Standard Barometer .. .. 28·898 inches.
Sledging barometer .. .. 28·78 inches.
Attached thermometer .. .. 52·0° F.

Main party's sledging thermometer after the first day out broke and was replaced by No. 53. N.P.L. 10.

Calm. Overcast. Temperature risen a little. Barometer steady. Glaciers clear. A little granular snow fell between 8 and 10 a.m. (R. E. P.)

8 p.m. Calm. Overcast. Clearing a little to the W. and N.W. Temperature falling steadily. Barometer steady to settling. (R. E. P.)

9 p.m. N.W. breeze of force 1 to 3. Sky breaking to N. and W., but still heavily overcast to the S. Glaciers obscured. (R. E. P.)

October 22nd, 1911.

8 a.m. Cloudy. Calm. Sun shining through scud at the edge of Stratus cap on Cape Adare. Long rolls of Stratiform Cumulus on the Northern horizon. Temperature risen. Barometer fallen a little.

Kew Standard Barometer .. .. 28·652 inches.
Sledging barometer No. 12 .. .. 28·53 inches.
Sledging barometer No. 6 .. .. 28·56 inches.
Attached thermometer .. .. 45·9° F.

Lower clouds travelling fast from N.W. Light easterly airs here. Campbell reports whirlwinds of drift moving up Cape Adare. (R. E. P.)

October 22nd, 1911—continued.

4 p.m. N.W. wind this morning behind the Cape and clouds moving swiftly from the N.W. Abbott reports N.W. wind of force 1 to 2 on top of the Cape.

Shade Dry Bulb Thermometer on shady side of Borchgrevink's Hut. M.O. 8470. (Proved a failure.) (R. E. P.)

8 p.m. Overcast except to the W. Clouds have moved from the N.E. and banked up against Cape Adare. Glaciers obscured. N.W. airs. Temperature fallen but inclined to rise. Slight granular snow in small grains a little larger than a pin's head. Barometer rising slowly. (R. E. P.)

October 23rd, 1911.

8 a.m. Overcast. Slight southerly airs. A clear line of sky from S. to S.W. Barometer steady. Temperature risen. Shade thermometer on Borchgrevink's Hut is 5° above the screen thermometer. (R. E. P.)

12 noon.	Kew Standard barometer..	28·746 inches.
	Sledging barometer No. 6	28·64 inches.
	Sledging barometer No. 12	28·61 inches.
	Attached thermometer	40·8° F.

2 p.m. N.W. airs. Overcast. Slight spicular snow. Barometer falling slightly. Temperature steady. (R. E. P.)

8 p.m. N.W. airs. Overcast. Nimbus fog. Heavy granular snow. $\frac{3}{8}$ inch up to date. Barometer falling slowly but steadily. Temperature inclined to settle. (R. E. P.)

October 24th, 1911.

8 a.m. S.S.E. breeze 1 to 2 to airs. Overcast. Thick to the S. Slight spicular snow in small flecks. Temperature and barometer steady. (R. E. P.)

10 a.m. Wind swinging to the E. of force 3 to 5. Low drift moving along the top of Cape Adare. Overcast and very thick to the S.E. (F. V. B.)

10.15 a.m.	Kew Standard Barometer	28·448 inches.
	Sledging barometer No. 6	28·340 inches.
	Sledging barometer No. 12	28·295 inches.
	Attached thermometer	51·0° F. (F. V. B.)

8 p.m. Barometer rising. Temperature falling. Calm. Clearing to the N. and the zenith. (F. V. B.)

October 25th, 1911.

8 a.m. Overcast with thick Nimbus haze. Spicular snow falling with a tendency to fall in flakes. Clouds of driving snow coming off the N. end of Cape Adare at intervals (seen by Abbott and Dickason). Barometer rising. Temperature falling. Calm. Glacier obscure. Sun just visible at the time through haze. Fall of snow for the last 24 hours, $\frac{3}{8}$ inch. (F. V. B.)

12 noon.	Kew Standard barometer..	28·766 inches.
	Sledging barometer No. 6	28·675 inches.
	Sledging barometer No. 12	28·650 inches.
	Attached thermometer	51·8° F. (F. V. B.)

8 p.m. Barometer rising. Temperature falling slowly. Calm. Overcast with slight granular snow falling. Spicular snow fell for the greater part of the day. W. and N.W. airs. Overcast with thick Nimbus haze.

Owing to the penguins returning and making such a row the noise generally heard behind Cape Adare will be discontinued to be logged. (F. V. B.)

October 26th, 1911.

8 a.m. Clear and bright. Sun shining brilliantly. A little Stratus and Strato-cumulus to the N. Barometer fell slightly during last night. Temperature fell to —5° F., but is now rising rapidly. Calm. Glaciers clear. (F. V. B.)

10 a.m. Kew Standard Barometer .. .. 28·788 inches.
Sledging barometer No. 6 .. .. 28·66 inches.
Sledging barometer No. 12 .. .. 28·65 inches.
Attached thermometer .. .. 50·2° F. (F. V. B.)

The difference between the readings of the Dry Bulb and the Spirit column of the Minimum is due to the sun striking on the Minimum through a crack in the screen in the early morning. Refer to Meteorological Log No. 2. October 26th.

6 p.m. Drift off Warning Glacier; two spirals of drift off Cape Adare S.E. end reported by Mr. Campbell. (F. V. B.)

8 p.m. Barometer rising. Temperature falling. Clear and calm. (F. V. B.)

9.30 p.m. Repetition note of 6 p.m. observed by Dickason. (R. E. P.)

October 27th, 1911.

8 a.m. Clear and bright. N.N.W. wind of force 2 to 3. Barometer steady. Temperature rising. Alto-stratus and Cirro-stratus radiant. Radiant Point N.N.W. (F. V. B.)

12 noon. A southerly wind of force 3 to 5 blowing, but clear. A well-defined Cirrus and Cirro-stratus radiant running N.N.W. and S.S.E. A low mist veils the back of the bay from our view, and this seems to be snow travelling from Sir George Newnes Glacier to the N.W. Low drift at Cape Adare, but all local snow from the beach itself. The wind sprang up as a suddden gust about 11 a.m., following immediately on an unusually strong gust from the N.N.W. Barometer rising. Temperature oscillating. (R. E. P.)

12.15 p.m. Kew Standard Barometer .. .. 28·824 inches.
Sledging barometer No. 6 .. .. 28·695 inches.
Sledging barometer No. 12 .. .. 28·675 inches.
Attached thermometer .. .. 50·4° F.
Taking No. 12 sledging to-morrow. (R. E. P.)

8 p.m. Barometer rising slowly. Temperature falling. Calm. Overcast, except to S.S.E. (F. V. B.)

October 28th, 1911.

8 a.m. Westerly airs. Overcast. Sun just shining through break in Nimbus haze near the zenith. Glaciers obscured. A little snow during the night. Barometer and temperature steady. (R. E. P.)

(*From now till November 4th this Log is duplicated from a Sledging Log kept at the back of Robertson Bay and of which a typed copy is kept with the records.*)

October, 28th 1911.

8 p.m. Wind steady from the S. from 10 a.m. to 6 p.m. It then shifted to the W. Sun shining from 8 a.m. till 10 a.m. It was then obscured by haze.

Scud moving rapidly from the W. Barometer falling. Temperature steady. Clear view of mountains all day. (G. P. A.)

October 29th, 1911.

8 a.m. Airs from the S.S.E. Bright in early morning, but getting cloudy in the forenoon. Cirro-cumulus and scud working up from the W.

Barometer steady. Thermometer ditto. (G. P. A.)

October 29th, 1911—continued.

8 p.m. Light changeable wind during the day. Calm at midday. Scud moving quickly from N.W. and W. Sir George Newnes Glacier obscured by Stratus cloud in the evening. Sun shining 8 hours. Barometer and temperature steady. (G. P. A.)

October 30th, 1911.

8 a.m. Overcast with Nimbus. Slight spicular snow falling. Sun shining down South. Open water sky to the N. Barometer and temperature steady. (G. P. A.)

8 p.m. Light breeze during the day of force 1. Calm from 2 p.m. to 4 p.m. Overcast till 4 p.m. with a small patch of blue sky to the S.

Mountains clear all day. Sky commenced to clear at 4 p.m. $2\frac{1}{4}$ hours' sunshine. Sir George Newnes Glacier obscure since 5 p.m. Stratus haze in front of it. Barometer and temperature rising. Slight spicular snow at 8 a.m. and 2 p.m. (G. P. A.)

October 31st, 1911.

8 a.m. Clear sky. S.E. wind force 2 to 3. Barometer slowly rising. Temperature steady. (G. P. A.)

8 p.m. Breeze from the S.E. 2 to 3. Getting lighter at noon and shifting to the S. Calm at 8 p.m. Very few clouds. St., Cu., and Ci.-Cu.

Barometer and temperature steady. $13\frac{1}{2}$ hours' sun. Through mistake I missed hours of sun before 8 a.m. (G. P. A.)

November, 1911.

November 1st, 1911.

8 a.m. Clear sky except for Strato-cumulus to the Northward. Calm. Glaciers clear. Barometer and temperature steady. (G. P. A.)

8 p.m. Light breeze of force 1 from the S.S.E. in the forenoon, getting lighter and veering to the Southward in the afternoon, changeable airs in the evening. Sun shining from 5.30 a.m. to 7.30 p.m. Heavy Cumulus clouds over Sir George Newnes Glacier in the evening, also Scud. Barometer and temperature steady. (G. P. A.)

9 p.m. Whale-backed Cumulus clouds to the Southward, getting thicker later with Nimbus obscuring Sir George Newnes Glacier. (G. P. A.)

November 2nd, 1911.

8 a.m. South Easterly winds force 3 to 7 in gusts, much stronger in the early morning; occasional gusts of force 10 at 9.45 a.m. Thick drift. Sun feebly shining through the clouds. Very thick to the Southward. Glaciers obscured. Barometer steady. Temperature has risen a little, (G. P. A.)

8 p.m. Wind in the forenoon from the S.E. of force 3 to 9, veering in the afternoon to force 4 to 7 in the S.S.E.; occasional lulls in the evening.

Overcast with Nimbus. Sun shining feebly through from 8 a.m. to 10 a.m. Thick drift all day decreasing towards evening. Open water sky to the Northward. Mountains just visible to the Southward at 10 p.m. Warning Glacier visible at 7 p.m. Barometer rising. Temperature steady. (G. P. A.)

November 3rd, 1911.

8 a.m. Light breeze from the S.S.E. force 2. Light Nimbus haze. Glaciers clear. Barometer slowly rising. Temperature steady. (G. P. A.)

8 p.m. Our clock stopped, so we missed the 10 o'clock observations. Variable airs at 2 p.m., then getting calm. 7 hours' clear sunshine; sun shining through Nimbus haze for the rest of the day. Halo round the sun at noon. (Halo of 22°.) Glaciers clear. Barometer and temperature steady. (G. P. A.)

November 4th, 1911.

8 a.m. Light breeze from the Southward of force 1. Light Nimbus haze. Cirrus and Stratus clouds. Sun shining through haze. Glaciers clear. Barometer and temperature steady. (G. P. A.)

8 p.m. Slightly hazy. Calm or Southerly airs. Alto-stratus and Cirro-stratus radiant running N. and S. Temperature and barometer steady. (R. E. P.)

3 p.m. Sledging barometer No. 12 away at Sir George Newnes Glacier.
No. 760. T. Cooke & Sons.

K.S.B.	29·479 inches.
Sledging barometer	29·34 inches.
Attached thermometer..	56·0° F.

November 5th, 1911.

8 a.m. Light Southerly wind. Overcast. Temperature and barometer high. (R. E. P.)

2 p.m. Southerly wind dropped this morning, but Abbott reports a fairly strong breeze on the Cape. (R. E. P.)

2.15 p.m. Comparison of barometers :—

K.S.B.	29·721 inches.
Sledging barometer No. 12	29.58 inches.
Sledging barometer No. 6	29·595 inches.
Attached thermometer. K.S.B.	57·8° F.

8 p.m. Calm. Overcast. Temperature falling a little. Barometer high and steady. Open water sky to the N. all day. (R. E. P.)

November 6th, 1911.

12.40 p.m. Comparison of barometers.

K.S.B.	29·546 inches.
Sledging barometer No. 12	29·39 inches.
Sledging barometer No. 6	29·41 inches.
Attached thermometer	57·0° F.

8 p.m. Calm. Clear. Barometer falling towards normal. Temperature falling. Bright sun all day. Low mist veiling the sea ice to the W. (R. E. P.)

November 7th, 1911.

8 a.m. Clear and bright. A few clouds of Strato-cumulus to the Northward. Barometer high, but falling slightly. Temperature rising. Calm. Glaciers clear. (F. V. B.)

8 p.m. Barometer falling slowly. Temperature falling. South wind of force 1 to 2, and Scud moving on Cape Adare from the S.E. A light Nimbus haze from the S. Bright sun all day with variable winds from the S., N.W. and W.N.W., force 1 to 2. (F. V. B.)

November 8th, 1911.

8 a.m. Overcast and wind from the W., force 3 to 4. Barometer rising and temperature rising. Glaciers obscure and sun just visible through the clouds. (F. V. B.)

8 p.m. Overcast with heavy Nimbus haze. N.W. wind with spicular snow. There are also small star-shaped flakes falling. Barometer rising.

Temperature falling. Glaciers obscure. There has been a S.E. wind blowing all day, changing occasionally to W., and of force 3 to 4 to 1 to 3. Heavy Cumulus clouds over Cape Adare. (F. V. B.)

November 9th, 1911.

8 a.m. Clear and calm. Sun shining bright. Barometer falling and temperature rising. (F. V. B.)

November 9th, 1911—continued.

8 p.m. Barometer steady. Temperature falling. Southerly airs. Stratus clouds over Warning Glacier and Nimbus over Cape Adare. (F. V. B.)

November 10th, 1911.

8 a.m. Barometer falling. Temperature rising. Southerly airs. Granular snow. Overcast with Nimbus and Cumulus. Sun obscure. Glaciers clear. (F. V. B.)

8 p.m. Barometer rising slowly and temperature falling. Calm. Clearing a little to the S.E., otherwse overcast. Snow fell lightly all day, but melted away as soon as it touched the ground. Early in the day it was of granular form ; about 4 p.m. this changed to large six-pointed stars.

At present it is falling heavily and is mixed with large spicules. Heavy Nimbus on Cape Adare. No sun to-day. (F. V. B.)

November 11th, 1911.

8 a.m. Overcast with Nimbus and Cumulus and Stratus to the N. S.E. airs accompanied with snow stars and spicules. Barometer rising. Temperature steady. Glaciers obscure. No sun visible. (F. V. B.)

8 p.m. Barometer falling. Temperature falling. Granular snow with small stars. Snow has been falling all day, but it has been impossible to estimate the fall, as it melts away so quickly. Roughly about an inch. (F. V. B.)

November 12th, 1911.

8 a.m. Barometer falling. Temperature rising. N.W. wind of force 1 to 2. Heavy Nimbus cloud to the S.E. Glacier partly obscured. (F. V. B.)

8 p.m. Barometer and temperature falling. N.W. wind of force 1. Heavy Nimbus clouds over the hills to the S. Glaciers clear. (F. V. B.)

November 13th, 1911.

8 a.m. Barometer fallen slightly during last night. Temperature rising. Light wind from the S. of force 1. Sun shining bright. (F. V. B.)

8 p.m. Barometer steady. Temperature falling. N.W. wind of force 1. Glaciers clear, sun shining. Variable winds all day of force 1 to 2. (F. V. B.)

November 14th, 1911.

8 a.m. Barometer falling. Temperature rising. S.E. airs. Sun shining bright. Glaciers clear. (F. V. B.)

8 p.m. Barometer steady and temperature falling. S.E. wind of force 1 to 3. Glaciers obscure. Overcast. Nimbus haze with a slight break in the clouds to the S.S.W. (F. V. B.)

November 15th, 1911.

8 a.m. Barometer rising and temperature steady. S.E. wind of force 3 to 4. Sir George Newnes Glacier obscure. Overcast with Nimbus cloud breaking to the S.E. (F. V. B.)

8 p.m. Barometer steady and temperature falling. S.E. wind of force 3 to 4. Clearing to the N. There has been a S.E. wind blowing all day, force varying from 1 to 5. Overcast with Nimbus. Warning Glacier clear. Sir George Newnes Glacier obscure. (F. V. B.)

November 16th, 1911.

8 a.m. Barometer rising and temperature steady. Overcast with Nimbus haze and Scud. Spicular snow falling lightly. Glaciers clear. Scud moving over Cape Adare from the S.E. S.E. wind of force 1 to 2. (F. V. B.)

November 16th, 1911—continued.

8 p.m. Barometer steady. Temperature falling. N.W. wind of force 3 to 4. Accompanied with snow, both spicular and six-pointed stars.

Heavy Cumulus to the N. and behind Cape Adare. Thick Nimbus at the S.E. end of the Cape moving from the E.S.E. Clear to the S. and S.W. Glaciers partly obscure. (F. V. B.)

November 17th, 1911.

8 a.m. Barometer rising. Temperature steady. Overcast. Light N.W. airs. Glaciers clear. (F. V. B.)

8 p.m. Barometer rising slowly. Temperature settling. Overcast. Granular snow in grains $\frac{1}{8}$ inch in diameter. Northerly airs. Glaciers obscured. (R. E. P.)

November 18th, 1911.

8 a.m. Barometer and thermometer steady. N.W. airs. Overcast. Slight granular snow, $\frac{1}{8}$ inch during the night. (R. E. P.)

On the night of the 15th Browning had the ill fortune to break the Terrestrial Radiation Thermometer. Yesterday evening I replaced it with a new one. M.O. 3447. (R. E. P.)

8 p.m. Calm. Overcast. Barometer rising slowly. Temperature steady. Glaciers clear. (R. E. P.)

November 19th, 1911.

8 a.m. Calm. Clear. Barometer and thermometer steady. Glaciers clear. (R. E. P.)

8 p.m. Calm. Clear. A light N.W. breeze blew here during the day and the clouds spread North-Westward from Cape Adare. They are now dispersing, but two or three bars of light Cirro-stratus have appeared running N.W. and S.E. Barometer steady and high. Temperature steady but for daily oscillation due to position of sun. (R. E. P.)

November 20th, 1911.

8 a.m. Calm. Clear. A bar of cloud across Warning Glacier and from Cape Adare to the N.W. Barometer steady and high. Temperature steady. Fell a bit during last night. Glaciers clear. (R. E. P.)

8 p.m. Calm. Clear. A little Strato-cumulus along the Northern horizon. Barometer highest yet, 29·988 inches. Thermometer steady. (R. E. P.)

November 21st, 1911.

8 a.m. Calm. Clear. No clouds. Barometer has topped 30 inches. Thermometer fell a few degrees last night, but the sun has fetched it up again. The Terrestrial Radiation faces S.W., and so has the sun on it in the afternoon and evening. As it is immediately above the rock it is much affected. (R. E. P.)

8 p.m. Barometer settling slightly. Temperature steady. S. wind of force 1 most of the day. Clear. A little cloud forming to the S. Strong wind at Cape Adare 1,000 feet to 3,000 feet.

November 22nd, 1911.

8 a.m. Calm. Overcast. Temperature steady. Barometer high but settling slowly. Glaciers clear. (R. E. P.)

10 a.m. Cleared from S. and W. Sun shining. At this hour all temperature readings in the screen are higher than normal, as the sun is full on it. The door of the screen since the winter blizzards does not fit too well, so that at present the minimum thermometer at the 8 a.m. and 10 a.m. observations is open to the sun through a crack. I will have this altered. (R. E. P.)

November 22nd, 1911—continued.

8 p.m. Calm. Overcast. Scud forming behind Cape Adare and streaming from the S.E. off its N. and S. end. Every prospect of a wind. The barometer is still settling slowly and the temperature is steady. (R. E. P.)

November 23rd, 1911.

8 a.m. E.S.E. wind of force 2 to 7. Gusts carry much spicular snow.

Barometer fallen three-tenths Temperature fallen a degree or two. Wind continues force 8 to 9 from the S.E. Fairly heavy spicular snow. Overcast with snow-fog. Glaciers obscured. (R. E. P.)

8 p.m. Wind continued to blow strong until 2 p.m., after which it decreased rapidly and swung to the Southward, from which quarter it still blows.

The snow decreased considerably between 12 noon and 2 p.m., and then ceased altogether. The sun is just showing as a bright spot through the Nimbus haze, which has lightened considerably. Barometer and thermometer rising. (R. E. P.)

November 24th, 1911.

8 a.m. West airs. Cloudy. Sir George Newnes Glacier hidden by mist. This stretches some way Northward to the W. of it. (Compare with our notes when at Duke of York Island.) Warning Glacier clear. Temperature steady. Barometer high and rising. (R. E. P.)

10 a.m. Sunshine record shipped 10 a.m., 22/11/11. Full sun till setting of sun on 22/11/11. Record blown away in early morning of 23/11/11.

None set on 23/11/11, no sun. Set 10 a.m., 24/11/11. One hour of sun missed on the morning of 24/11/11.

Thermograph pen held off the paper by drift during some hours of yesterday. Readjusted this morning. The mistake was not noticed until this morning, as we are obliged to keep the thermograph with its face to the back of the screen during blizzards in order to prevent the works themselves from drifting up completely. (R. E. P.)

8 p.m. S. wind of medium force. Clouded. Sir George Newnes Glacier has been obscured by mist since the wind started. Barometer and temperature steady. (R. E. P.)

November 25th, 1911.

8 a.m. Light southerly. Clear and bright sun. A heavy Stratus cloud to N. and W. and Scud moving on to it from the S.W. Glaciers clear. Wind has been very persistent. Barometer and temperature steady and high. The thermograph pen is cracked and empty. (R. E. P.)

8 p.m. This afternoon the cloud cap formed from Cape Adare Westward, but it has now been dispersed, leaving only a small cap on the Cape itself and a little Stratus on the Western Mountains. Calm. Barometer and temperature steady. (R. E. P.)

November 26th, 1911.

8 a.m. Slight N.N.W. airs. Clear and bright. A little cloud low down on Cape Adare moving from the S.S.E. Barometer fallen during the night. Temperature steady. (R. E. P.)

12 noon. At 10 a.m. an upper series of Scud and Cumulus was moving fast from the N.W., and it was calm here. About 11 a.m. a N.W. wind began to blow here.

The clouds continue to move fast from the N.W. Amount of cloud is increasing. (R. E. P.)

8 p.m. Calm. Clear. Cirro-stratus radiant with radiant point W. Cirro-cumuliform Scud moving fast from the W. underneath this. Cloud cap on Cape Adare and bar of Strato-cumulus across Geikie Land. Barometer and temperature steady. (R. E. P.)

This afternoon snow fell as compound six-rayed stars $\frac{1}{8}$ inch in diameter and as larger and more irregular crystals partially developed in three planes. (R. E. P.)

November 27th, 1911.

8 a.m. Southerly airs. Overcast. Temperature has dropped several degrees during the morning, but is rising. Barometer steady. (R. E. P.)

8 p.m. Calm. Clear. Cloud cap on Cape Adare. Stratus and Strato-cumulus on the Western Mountains and across the sea horizon. Glaciers clear. Barometer and thermometer steady. (R. E. P.)

November 28th, 1911.

8 a.m. Temperature and barometer steady. Calm and Westerly airs. Overcast with heavy clouds mostly with Cumuliform shapes. A heavy snow squall with heavy snow to windward. (R. E. P.)

8 p.m. Snow fell between 6 and 7 p.m. as large flakes of crystals of indefinite shape, but with fern-like fronds. Clearing to the zenith, where the clouds are thinning to Cirro-cumulus, and to the N. where blue sky is beginning to show. Westerly airs. Barometer rising. Temperature steady. Abbott reports light southerly breeze upstairs. (R. E. P.)

November 29th, 1911.

8 a.m. Calm. Heavily overcast with Cumuliform clouds. Barometer and temperature steady. (R. E. P.)

8 p.m. Calm. Overcast with heavy Cumuliform cloud. A little Scud is forming on Cape Adare underneath this. A very little snow fell in between the 12 noon and 2 p.m. observations to-day as flakes of irregular crystals. Barometer steady. Temperature fallen a little since 6 p.m., but fairly steady. (R. E. P.)

November 30th, 1911.

8 a.m. Calm. Overcast, with indefinite snow-cloud. Slight granular snow falling. Barometer and temperature steady. (R. E. P.)

2 p.m. A little granular snow is falling from time to time. The snow, which is remarkably uniform in size, at the same time varies between grains $\frac{1}{16}$ inch in diameter and grains about half the size of a pin's head. (R. E. P.)

8 p.m. The day has been characterised by light airs from the W. The clouds have lightened gradually and now blue sky has appeared both to the W. and S. The sun can be seen shining on the mountains behind Cape North. A heavy cap of Scud and Stratus low down on Cape Adare. Barometer high and temperature steady and settling slowly. (R. E. P.)

DECEMBER, 1911.

December 1st, 1911.

8 a.m. Calm. Overcast. A thin strip of blue sky to the N. and S. Glaciers clear. Barometer steady. Temperature risen a little. Very close. (R. E. P.)

8 p.m. An overcast day. About 2 p.m. the clouds reached their maximum heaviness and a low cap of Scud and Stratus formed on the lower end of Cape Adare. During the afternoon the clouds began to move perceptibly from the N.W., and to thin until they were Cirro-cumuliform, and the bright disc of the sun could be seen through the fleecy interstices of the clouds. The day has been characterised by a light N.W. breeze.

Barometer high and steady. Temperature steady. (R. E. P.)

December 2nd, 1911.

8 a.m. N.W. breeze of force 1. Cloudy. Clear all round the zenith, but Stratus and Scud near the horizon. Barometer high but settling a little. Temperature steady. (R. E. P.)

December 2nd, 1911—continued.

8 p.m. During the afternoon a cloud cap formed to the S.E. of Cape Adare, and all day Scud has been forming a little S. of the zenith and moving rapidly from the N.W. Towards evening the N.W. breeze has been varied once or twice by light Southerly airs. Barometer steady. Temperature steady. (R. E. P.)

December 3rd, 1911.

8 a.m. Calm. Cloudy. Barometer falling towards normal. Temperature steady. (R. E. P.)

10 a.m. Comparison of Kew Standard and sledging barometers :—

K.S.B.	29·604 inches.
No. 6 sledging barometer	29·51 inches.
No. 12 sledging barometer	29·52 inches.
Attached thermometer..	45·3 F. (R. E. P.)

4 p.m. Upper clouds, Cirro-cumulus moving from the N.W. ; below these is some Scud moving rapidly from the S.E. Glaciers are half obscured by mist and low cloud. There is a fairly big break in the clouds near the zenith from W. to E., through which the sun is shining. (R. E. P.)

8 p.m. An E.S.E. wind of force 5 to 7 started blowing in gusts about 5.30 p.m., and has since remained pretty steady. The clouds thickened from the E., and slight spicular snow began to fall about 6.30 p.m. Barometer steady. Temperature steady. (R. E. P.)

December 4th, 1911.

8 a.m. S.S.E. airs. A little Scud moving from the S.E. slowly, otherwise clear but for Stratus to the N. Barometer risen a little. Temperature has its usual daily oscillation of a few degrees. (R. E. P.)

8 p.m. During the morning a cloud cap formed on Cape Adare and spread outwards. At 2 p.m. the clouds reached their maximum extension and two series were distinct, a lower one moving from the S.E. and an upper one from the N.W. This afternoon the clouds dispersed quickly till the sky was almost free. At 6 p.m. Scud began to form from the peaks of the Admiralty Range from the S.W. and soon afterwards a S.W. breeze set in here. (R. E. P.)

December 5th. 1911.

8 a.m. N.W. 1 to 0. Overcast with indefinite Nimbus and a little Stratus to the S. and W., and to the N.W. and W. a strip of blue sky along the horizon.

Glaciers clear. A slight granular snow is falling. Barometer settled a little and temperature steady. (R. E. P.)

8 p.m. Westerly or N.W. airs all day. Cleared rapidly between 10 a.m. and Noon, since when there has been little cloud. All cleared away by 6 p.m., except a little Scud on Cape Adare. Stratus on Geikie Land and a single roll of Strato-cumulus along the Northern horizon.

Glaciers clear. Barometer settling. Temperature steady. (R. E. P.)

December 6th, 1911.

8 a.m. S.W. airs to light breeze. Heavy cloud cap on Cape Adare and all over the sky except a thin strip to the S. and W. Temperature rather low. Barometer falling. Glaciers clear. (R. E. P.)

December 6th, 1911—continued.

2 p.m. Sky cleared before 10 a.m., but has again become overcast. At present a N.W. breeze of force 3 is blowing and the clouds are moving from the N.W. (R. E. P.)

8 p.m. Sky clearing again from the W.N.W. W.N.W. wind steady since 2 p.m. about force 3. Barometer is rising again. Temperature steady. (R. E. P.)

10 p.m. Sky obscured since 8 p.m., it is now B.7C.3. Scud travelling from N. and S. The lower clouds moving rapidly from the N. (G. P. A.)

December 7th, 1911.

8 a.m. N.W. breeze steady of force 2. Sky lightly clouded to S. and E. with Cirro-cumulus. A little light Stratus to the N. Barometer rising. Temperature steady but for daily and nightly rise and fall. (R. E. P.)

8 p.m. A steady light but galling N.W. breeze all day, but has just given place to light southerly airs. The clouds have disposed themselves as two radiants both with radiant point N.W. An Alto-stratus radiant near the zenith and a Stratus and Strato-cumulus radiant near the horizon.

Whale-backed cumulus against the S. end of Cape Adare. Barometer rising. Temperature steady. (R. E. P.)

December 8th, 1911.

2 a.m. Light wind of force 2 from S. by E. Light spicular snow falling.

3 a.m. Wind gone, heavy snowfall. Star-shaped crystals.

4 a.m. Weather same. Barometer and temperature steady. (H. D.)

8 a.m. E.S.E. wind of force 0 to 4. Overcast. Slight spicular snow. Snow pouring off Cape. Sky obscured by indefinite Nimbus with ragged edges to N.W. and falling snow there. Barometer steady. Temperature high. (R. E. P.)

10 a.m. Below is a comparison series of readings of our three barometers in the hut December 3rd to December 7th. Last night observations were secured all through the night as a tide watch was instituted. Hence the notes in the early morning in this log also.

The S.E. wind has almost ceased, occasional gusts reaching only a force of 2 to 3.

Barometer Comparison.

	K.S.B.		No. 760.	No. 754.
December 3rd —	inches.	°F.	inches.	inches.
10 a.m.	29·604	45·3	29·52	29·51
2 p.m.	29·594	47·1	29·48	29·48
4 p.m.	29·576	44·5	29·47	29·46
December 6th—				
2 p.m.	29·144	54·0	29·02	29·03
12 noon	29·136	48·0	29·01	29·025
December 7th—				
10 a.m.	29·582	49·2	29·45	29·44
12 noon	29·587	43·1	29·46	29·46
2 p.m.	29·631	51·2	29·48	29·48

(R. E. P.)

8 p.m. E.N.E. wind of force 5 to 8 blowing. Heavily overcast with Nimbus. Snow falling in large flakes of spicules, and immature crystals and rain falling. Barometer high and steady. Temperature oscillating quickly between 30° and 40° F. (R. E. P.)

December 9th, 1911.

8 a.m. Must have been 2 inches of snow last night, but some of that has melted during the night. Overcast with Nimbus fog through which the sun is shining dimly. Calm. Barometer risen to 30 inches. Temperature steady at 30·8° F. (R. E. P.)

10 a.m. Yesterday's sunshine record was blown away by the wind. There was only a quarter of an hour mark on it. 9.45 till 10 a.m. this morning. (R. E. P.)

2 p.m. At 12 noon a series of clouds at the junction of two air currents could be distinctly seen moving in two opposite directions, the upper from the N.W. and the lower from the S.E. The clouds were an indefinite sort of flying Scud of snow. (R. E. P.)

5 p.m. Abbott returned from the top of the Cape. Reports clouds of snow moving from the S.E. and a S.E. breeze of force 6. (R. E. P.)

8 p.m. Calm. Clearing. Stratus low down on Cape Adare and Scud moving from the S.E. running off the Cape. A bar of Stratus over the bay to the W. Whale-backed Scud moving over the S. end of Cape Adare this afternoon. Barometer and temperature steady and high. (R. E. P.)

9 p.m. A low Stratus cloud is forming at about 500 feet on Cape Adare and spreading from the glaciers towards the N. end. (F. V. B.)

December 10th, 1911.

8 a.m. Calm. Dense fog hiding Cape Adare and all horizon. Barometer falling. Temperature falling a little. (R. E. P.)

6 p.m. I have set Borchgrevink's old snow gauge to measure two or three falls of snow. It is a copper cylindrical vessel of diameter $4\frac{7}{16}$ inches. (R. E. P.)

8 p.m. Calm or Westerly airs. Snow fog hiding Cape Adare all day, growing thicker now, and slight spicular snow falling like a frozen Scotch mist. Temperature and barometer falling slowly. (R. E. P.)

December 11th, 1911.

8 a.m. Clear but for a thin roll of Stratus in the Bay. This is the remains of the fog of yesterday, which was rolled away early this morning by a S.E. breeze. Southerly airs. Temperature risen through sun. Barometer falling. (R. E. P.)

4 p.m. Clear and calm or southerly airs until 2 p.m. Since then the temperature began to fall. A N.W. breeze started to blow, and a dense fog formed, first along the N. end of Cape Adare and to the W. of us over the sea ice, and then to the N., spreading and closing in until all around us and nearly reaching to the zenith where, however, the sun still shone through a thin haze. All open water in sight. (R. E. P.)

8 p.m. N.W. airs. Clear. Fog rolled away about 7 p.m. Temperature falling again. Barometer steady. (R. E. P.)

9.30 p.m. Sun-dog in S.W. (F. V. B.)

December 12th, 1911.

8 a.m. Clear. Calm. Upper clouds only, arranged as a Cirro-stratus and Alto-stratus radiant with radiant point W. Temperature risen. Barometer steady. Glaciers clear. (R. E. P.)

2 p.m. Has become overcast except for a small strip N.W. to N.E. Calm. Temperature high. Thickening to the S. Mist in Sir George Newnes Glacier valley. Barometer steady. (R. E. P.)

December 12th, 1911—continued.

8 p.m. This afternoon Scud clouds were moving fast from the S.E. behind Cape Adare and the snow-cloud from Sir George Newnes Glacier spread past Duke of York Island. Snow mist formed along the Western Mountains and alternate gusts blew here from the S.E. and N.W. Now a S.E. wind of force 4 to 6 blows. Temperature steady. Barometer steady. (R. E. P.)

December 13th, 1911.

8 a.m. Calm. Clear. Clouds moving slowly from the S.E. Temperature oscillating within a few degrees. Barometer steady. (R. E. P.)

10 a.m. Yesterday's sunshine record lost in the wind. 9 to 10 hours sun on it. (R. E. P.)

8 p.m. Calm. Clear. Clouds moving from the S. From time to time this afternoon whirlwinds of Scud formed on Cape Adare and moved from the S. Barometer steady. Temperature steady. (R. E. P.)

December 14th, 1911.

8 a.m. W.N.W. airs. Cloudy. Clouds arranged as a radiant from the S.S.W. and moving slowly from that direction. Barometer falling steadily. Temperature oscillating a few degrees. (R. E. P.)

8 p.m. Calm. Clear. Scud moving from the S. Barometer steady. Temperature falling. (R. E. P.)

December 15th, 1911.

8 a.m. S. airs. Clear. Temperature falling. Barometer steady. (R. E. P.)

12.45 p.m. I have forgotten to change the sunshine record until now, so that $2\frac{1}{2}$ hours of sun, between 10 and 12.45, are duplicated. (R. E. P.)

8 p.m. Calm. Clear. Turret-shaped clouds piled on Geikie Land. Cape Adare, and the peaks of the Admiralty Range. Scud moving from the S.E. on Cape Adare. This afternoon an upper series of clouds was moving from the N.W. Temperature steady, usual daily oscillation. Barometer steady. (R. E. P.)

December 16th, 1911.

8 a.m. Calm. Clear. Clouds changing shape rapidly and moving slowly from the S.E. Glaciers clear. Cloud cap on Cape Adare. Barometer steady. Temperature dropped last night but is again up. (R. E. P.)

12 noon. Sky started to cloud over from the N. with dense indefinite cloud at about 11 a.m. Spicular snow commenced to fall accompanied by southerly airs. The breeze increased to force 1 to 2 and the snow has changed to a fairly heavy fall of flakes of small immature crystals with a tendency to star-shape. (R. E. P.)

4 p.m. Northerly airs. Dense cloud with ragged edges. Snow-squalls to S. and S.W. Snow is falling sparsely as compound 6-rayed stars and as immature crystals and irregular grains. (R. E. P.)

8 p.m. Calm. Overcast. Snow has ceased and it is clearing a little. Temperature steady, usual daily oscillation. Barometer rising slowly. (R. E. P.)

December 17th, 1911.

8 a.m. Calm. Clear. Temperature fallen. Barometer steady. Stopped snowing between 1 and 2 a.m. (R. E. P.)

10 a.m. $15\frac{1}{2}$ drachms of water from the snowfall since I put up the snow-gauge. Impossible to estimate the thickness of snow, because melting fast. (R. E. P.)

December 17th, 1911 -continued.

2 p.m. A N.W. wind has just commenced and Scud is forming above us and being carried swiftly towards Cape Adare. Fog is forming over the sea to the N.W. of us and on the wet stretches of the beach itself, and is being carried swiftly and being banked up against the cliff. There is a similar bank of fog along the Western Mountains and across Geikie Land. (R. E. P.)

4 p.m. The N.W. breeze was only momentary at sea level, and the fog cleared immediately it ceased, but the few clouds there are still move from the N.W. (R. E. P.)

8 p.m. W.N.W. breeze of force 1. The breeze started at 6.30 p.m., and was preceded and accompanied by the dense shrouding of the sky with Cumuliform cloud which abut on Cape Adare, Geikie Land, and the Western Mountains at a height of about 2,000 feet above sea level. Glaciers clear. Temperature about normal during the day and a rather remarkable dip last night. Barometer steady. (R. E. P.)

December 18th, 1911.

8 a.m. Gusty Westerly wind. Very thick, with Nimbus cloud to the S. Glaciers obscured. Temperature fallen. Barometer fallen. (R. E. P.)

8 p.m. Slight Westerly airs. Clouds have thinned since 6 p.m. to a thin haze near the zenith. Slight spicular snow began to fall about the same time. (R. E. P.)

December 19th, 1911.

8 a.m. Medium Southerly wind of force 2 to 5. Overcast with thick Nimbus through which the sun shows dimly. Glaciers obscured. Slight spicular snow falling. Temperature risen. Barometer steady. (R. E. P.)

8 p.m. E.S.E. wind of medium force blowing. The wind during the day has gradually swung from S. *viâ* S.E., where it remained a long time, to E.

Sky overcast with thick Nimbus haze. Sun invisible since 11 a.m. Spicular snow falling in small fragments or in flecks. Glaciers and Western Mountains obscured all day. Cape Adare slightly indistinct. (R. E. P.)

December 20th, 1911.

8 a.m. E.S.E. wind of medium force still blowing. Slight spicular snow carried before it. Overcast with indefinite Nimbus with much snow falling to Westward. Temperature steady. Barometer settled slightly. (R. E. P.)

2 p.m. Wind swung to S.E. and dropped considerably. Warning Glacier clear before noon and now part of the Admiralty Range S. of Cape Barrow is showing. Heavy snow squalls to S. and N. (R. E. P.)

6 p.m. Sunshine record blown away during wind. Three hours sun missed, 3 p.m. to 6 p.m. this afternoon. Am shipping another now. (R. E. P.)

8 p.m. Cleared from 2 p.m. rapidly. Southerly wind due S. and very light blowing all the afternoon and evening since then. Became overcast between 6 p.m. and 7 p.m. Temperature steady. Barometer rising slowly. Glaciers clear. (R. E. P.)

December 21st, 1911.

8 a.m. Sky still overcast. Westerly airs. Glaciers clear below clouds. Temperature normal. Barometer steady. (R. E. P.)

10 a.m. Clouds thickened and became indefinite. Glaciers and mountains obscure. Snow falling fairly thickly as flakes and single immature crystals and spicules. Browning reports six-rayed stars at 12 noon. Calm. (R. E. P.)

December 21*st*, 1911—continued.

2 p.m. Clearing a little near the zenith and portions of the Admiralty Range just showing. Snow is much less and has changed to the finely spicular type. The clearing is apparently due to a slight N.W. breeze.

Cape Adare above 600 feet is shrouded in a dense fog.

8 p.m. Clouds gradually lightened this afternoon. Snow ceased soon after 4 p.m., and at 6 p.m. a break appeared in the clouds to the S. which has since widened until a tenth of blue sky is showing. Temperature and barometer steady. Glaciers clear. (R. E. P.)

December 22*nd*, 1911.

8 a.m. Steady light Southerly breeze. Sir George Newnes Glacier obscured with mist. Sky overcast except for an arc of blue to the W. Temperature steady. Barometer steady. (R. E. P.)

8 p.m. The sky has gradually cleared during the afternoon and evening. The clouds are now higher and lighter. Sir George Newnes Glacier is still obscured by low mist within the valley itself. A Southerly breeze has been persistent all day. The sunshine record has been blown away and an hour's sun lost. I am setting another now. Temperature steady. Barometer rising slowly. (R. E. P.)

December 23*rd*, 1911.

8 a.m. Overcast with Nimbus except for a little lenticle to the W. Snow has fallen and is falling as flakes of immature crystals. Glaciers are half obscured and Cape Adare indistinct. Temperature fallen a little and barometer steady. (R. E. P.)

8 p.m. Dickason saw compound ice stars this morning. Cleared during the day but again overcast towards evening. Large Cumuliform clouds and Stratus at a low level. Calm or slight airs from N.W. and S. during the day. Slight granular snow was reported about noon. Temperature steady. Barometer high and rising. (R. E. P.)

December 24*th*, 1911.

8 a.m. Overcast with indefinite Nimbus. Mountains and glaciers obscured and Cape Adare slightly dimmed. Some snow has fallen and a little granular snow is still falling. Light Southerly breeze prevalent. Temperature fallen a little. Barometer just on the turn. (R. E. P.)

8 p.m. Southerly airs all day. Cleared this morning and has remained clear. Temperature steady and barometer steady. (R. E. P.)

December 25*th*, 1911.

8 a.m. Clear. Southerly airs. Temperature dropped several degrees last night, but has risen again. Barometer steady. (R. E. P.)

8 p.m. Clear. Calm. A perfect day. A cloud cap spreading from Cape Adare. Glaciers clear. Temperature oscillating as usual. Barometer settling slowly. (R. E. P.)

December 26*th*, 1911.

8 a.m. Clear. Calm. A little Scud on Cape Adare, but otherwise clear. Temperature fell during the night about 10°. Barometer settles slowly. (R. E. P.)

8 p.m. Clouds appeared in the S. about noon and moved steadily to the N.W. until the whole sky is now obscured with an indefinite Nimbus.

These clouds abut on Cape Adare about 3,000 feet high. Light S. airs all day, and the breeze, which is still light, has now shifted to S.S.E. Glaciers misty but plain. Temperature steady. Barometer steady. (R. E. P.)

December 27th, 1911.

8 a.m. Calm. Clear. A little Alto-stratus and Scud to S. Temperature normal. Barometer rising a little. (R. E. P.)

8 p.m. Calm. Clear. A little Scud to S. Barometer normal. Barometer high, above 30 inches. (R. E. P.)

December 28th, 1911.

8 a.m. W. light breeze. A little Stratus at 2,000 feet on Cape Adare and in front of Geikie Land. Scud at 5,000 feet streaming slowly from the S.E. Temperature normal. Barometer settling. (R. E. P.)

10 a.m. The sunshine record has got misplaced again. Sun all the time.

8 p.m. Southerly wind of force 1. A little Scud travelling from the S.E. Barometer and temperature steady. (G. P. A.)

December 29th, 1911.

8 a.m. Southerly airs. A little Scud travelling from the Eastward. Barometer falling slightly. Temperature steady. (G. P. A.)

8 p.m. South-Easterly wind of force 3. Small hail and prismatic snow falling. Warning Glacier half obscured by mist. A little later getting very thick to the S.E., obscuring both glaciers; overcast between 6 and 8 p.m.. Half an hour's sunshine between these hours. Barometer falling steadily. Temperature steady. (G. P. A.)

December 30th, 1911.

8 a.m. Wind from E.S.E. 7 to 8. Scud travelling rapidly from the S.E. Glaciers clear. Barometer falling steadily. Temperature steady. (G. P. A.)

8 p.m. Clear. Southerly wind of medium force blowing. Scud cap on Cape Adare. Sunshine record blown away this morning. Sun since 4 a.m. Barometer and temperature steady. (R. E. P.)

December 31st, 1911.

8 a.m. Wind continues unchanged and weather still clear. (R. E. P.)

Cape Adare, Upper Camp.

November 28th, 1911.

10 p.m. Barometer 28·51 inches. A little Stratus and Scud respectively 1,500 feet and 4,000 feet to 6,000 feet above sea level. I have undoubted proof now of the majority of the whirlwinds we see on Cape Adare being actually Scud clouds formed by the beating of wind against the cliff.

November 29th, 1911.

1 p.m. Barometer 28·46 inches. Occasional gusts of S.E. wind. Clouds moving fast from the S.E. until just over us, when they meet a counter-stream slow from the N.W. and gradually disperse. Scud and Cumulus.

4 p.m. Barometer 28·43 inches. Slight granular snow. Sky became overcast from the S.E. with Cumulus and Scud. Heavy snow-squall N.N.W. of us and others to the N.E. and E. Clouds are low, 2,000 to 3,000 feet. A steady light Southerly breeze has set in.

6 p.m. Barometer 28·43 inches. Heavy snow-squall passed us, accompanied by S.E. wind. It is now N.W. of us. Snow ceased at camp. Wind still in gusts.

10 p.m. Southerly wind force 4 to 7 set in.

November 30th, 1911.

8.30 a.m. Barometer 28·41 inches. Stiff Easterly breeze blowing all night. Clouds capped, but for a cloud cap on Cape Adare from which Scud streams off fast from the S.E.

2 p.m. Barometer 28·39 inches. Breeze continues S.E. everywhere but just at camp, 6 to 9 in force.

Sledging barometer No. 6 :—

Camp	28·39 inches.	2,400 feet.
Hut	29·44 inches.	1,410 feet.

Comparison :—

K.S.B.	29·592 inches.
No. 6	29·44 inches.
Attached thermometer..	53·0° F.

(R. E. P.)

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. APRIL, 1911. Lat. 78° 38′ S, long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per Hour).						Cloud. (Scale 0–10.)		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	28·86	28·92	28·97	−25·2	−19·3	−25·6	Calm	0	Calm	0	ESE	6·3	9	10	1
2	29·03	29·10	29·11	−14·1	− 9·4	− 7·6	SE	2·7	S	5·1	S	6·9	10	10	10
3	29·09	29·05	28·99	−29·2	−16·8	−18·4	Calm	0	S	3·1	S	7·4	8	10	10
4	28·86	28·83	28·80	−22·0	−18·4	−18·4	S	9·4	S	9·0	S	4·5	10	10	10
5	28·82	28·84	28·86	−13·9	−10·5	− 9·6	S	2·9	S	2·9	Calm	0	10	10	10
6	28·74	28·78	28·78	−14·8	−13·0	−27·8	SSW	31·5	S	14·1	S	13·4	7	6	7
7	28·82	28·95	29·07	−17·3	−13·4	− 0·4	Calm	0	Calm	0	E	4·7	6	5	10
8	29·21	29·19	29·10	−10·1	−13·0	−11·6	SSE	15·9	E	11·6	E	4·9	10	10	7
9	28·97	28·97	28·97	− 5·8	− 6·5	− 5·8	SE	3·1	E	9·6	Calm	0	10	9	10
10	28·86	28·82	28·78	+12·2	+12·2	+ 2·8	E	18·4	E	13·9	NE	9·4	10	9	6
11	28·85	28·96	29·03	+ 5·0	+ 5·0	− 3·3	NW	20·6	N	16·1	NE	14·1	10	10	9
12	28·96	28·97	28·97	+ 1·4	+ 6·8	+ 3·2	N	18·8	E	14·1	E	13·9	10	9	10
13	29·04	29·10	29·19	+10·4	+ 8·2	− 8·0	E	19·7	NE	13·2	NE	7·4	6	9	6
14	29·46	29·64	29·76	−14·8	−11·2	−17·5	SW	15·9	SW	18·6	SW	18·6	10	2	0
15	29·82	29·85	29·80	−16·6	−15·2	−13·0	SE	9·4	E	9·0	NE	13·9	10	10	8
16	29·73	29·69	29·50	14·8	−10·3	− 4·0	NE	21·5	E	15·7	E	23·3	10	10	10
17	29·02?	29·16	29·14	+ 8·6	−24·2	−20·6	NW	5·1	SW	18·6	SW	11·9	10	4	10
18	29·13	29·17	29·18	−25·2	−33·5	−36·4	SW	12·3	Calm	0	Calm	0	10	6	10
19	29·24	29·26	29·27	−25·6	−21·8	−22·0	E	12·1	ENE	9·8	E	18·6	10	7	7
20	29·14	29·06	28·99	−12·1	−11·2	− 5·8	E	37·8	E	22·4	E	24·8	10	9	10
21	28·88	28·89	28·86	− 3·1	− 1·3	+ 0·9	ESE	19·5	ESE	17·2	ESE	21·9	9	9	7
22	28·82	28·83	28·84	−12·3	−20·2	−26·1	ENE	9·8	NE	8·5	NE	6·9	3	5	0
23	28·78	28·79	28·83	−31·4	−31·0	−35·5	Calm	0	Calm	0	Calm	0	2	1	0
24	28·92	28·95	28·97	−27·0	−16·1	−12·6	Calm	0	E	16·1	E	9·2	10	10	10
25	29·13	29·29	29·41	−10·8	−17·0	−14·8	Calm	0	Calm	0	Calm	0	10	10	10
26	29·50	29·48	29·46	−28·1	−32·1	−35·9	Calm	0	SW	7·6	SW	4·5	2	1	0
27	29·55	29·59	29·59	−52·6	−54·4	−53·7	SSW	6·3	SSW	5·4	Calm	0	1	1	0
28	29·47	29·38	29·33	−52·6	−46·8	−45·4	ENE	7·6	E	7·2	Calm	0	1	10	0
29	29·25	29·25	29·28	−37·1	−35·7	−34·6	Calm	0	Calm	0	Calm	0	10	7	0
30	29·28	29·22	29·21	−42·3	−38·2	−38·7	Calm	0	W	6·7	W	3·6	0	7	0
Mean	29·11	29·13	29·13	−17·3	−17·0	−18·2		10·1		9·2		8·3	7·8	7·5	6·3

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. MAY, 1911. Lat. 78° 38′ S. long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per hour).						Cloud. (Scale 0–10).		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	29·19	29·22	29·24	−41·3	−44·3	−45·4	Calm	0	Calm	0	Calm	0	10	3	0
2	29·29	29·28	29·28	−45·2	−37·5	−33·2	Calm	0	Calm	0	SSW	5·1	2	2	10
3	29·29	29·30	29·24	−31·0	−38·6	−40·0	Calm	0	Calm	0	Calm	0	10	2	0
4	29·10	29·09	29·04	−33·9	−35·1	−37·8	Calm	0	Calm	0	Calm	0	1	2	0
5	28·99	29·10	29·21	−13·0	−17·3	−18·4	SSW	8·3	Calm	0	Calm	0	9	7	9
6	29·58	29·66	29·70	− 4·0	− 4·0	− 4·2	E	6·7	E	6·0	Calm	0	10	9	10
7	29·71	29·72	29·65	−18·8	−24·2	−23·8	Calm	0	Calm	0	S	8·1	0	4	0
8	29·58	29·57	29·57	−30·6	−22·4	−23·4	SSE	6·3	SSW	5·6	S	5·6	—	—	—
9	29·59	29·62	29·62	−27·4	−31·0	−35·1	Calm	0	Calm	0	Calm	0	—	—	—
10	29·51	29·45	29·41	−30·1	−31·5	−32·8	Calm	0	Calm	0	Calm	0	—	—	—
11	29·43	29·47	29·49	−40·0	−33·0	−35·0	Calm	0	E	7·6	Calm	0	—	—	—
12	29·40	29·31	29·23	−11·2	− 9·6	− 5·8	SSE	7·4	E	15·7	ESE	11·9	—	—	—
13	28·99	28·91	28·82	−35·5	−43·6	−39·3	Calm	0	SW	5·1	Calm	0	—	—	—
14	28·65	28·56	28·45	−35·0	−44·0	−33·5	S	6·9	SW	4·9	SW	11·2	—	—	—
15	28·43	28·64	28·76	−33·2	−40·4	−28·1	WSW	16·1	W	13·4	Calm	0	—	—	—
16	29·06	29·22	29·32	− 6·9	−10·5	−16·6	E	11·4	E	17·0	ESE	8·7	—	—	—
17	29·21	29·12	29·10	−14·8	−21·6	−23·3	E	25·1	Calm	0	E	2·7	—	—	—
18	29·17	29·21	29·24	−32·1	−38·2	−43·2	Calm	0	SSW	2·9	Calm	0	—	—	—
19	29·28	29·27	29·29	−43·2	−45·0	−38·2	Calm	0	SSW	3·1	SW	15·7	—	—	—
20	29·25	29·14	29·04	−35·5	−42·9	−39·8	WSW	14·3	SW	12·3	SW	9·0	—	—	—
21	28·95	28·94	28·91	−54·8	−52·6	−49·5	S	11·9	Calm	0	Calm	0	—	—	—
22	28·92	28·93	28·90	−50·8	−52·1	−49·5	Calm	0	Calm	0	Calm	0	—	—	—
23	28·76	28·55	28·36	−59·1	−55·5	−53·7	Calm	0	Calm	0	S	9·8	—	—	—
24	28·07	28·07	28·20	−56·2	−58·5	−41·8	S	7·2	SE	14·1	E	12·1	—	—	—
25	28·50	28·73	28·85	−17·0	−10·5	−18·9	SE	11·9	NE	13·9	E	7·8	—	—	—
26	28·92	29·04	29·20	−26·5	−30·6	−40·5	Calm	0	Calm	0	E	10·7	—	—	—
27	29·44	29·47	29·41	−21·6	−21·1	−23·8	E	8·7	E	10·7	E	7·4	—	—	—
28	29·12	28·99	28·92	−36·8	−36·4	−37·5	Calm	0	Calm	0	SW	14·5	—	—	—
29	28·76	28·67	28·60	−33·9	−25·6	−25·6	SSW	9·0	Calm	0	S	10·7	—	—	—
30	28·48	28·38	28·36	−31·0	−32·3	−35·9	Calm	0	W	9·8	SW	19·7	—	—	—
31	28·49	28·61	28·74	−30·6	−22·0	− 9·4	E	12·1	E	14·3	E	15·2	—	—	—
Mean	29·07	29·07	29·07	−31·7	−32·6	−31·7		5·4		5·1		6·3		—	—

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. JUNE, 1911. Lat. 78° 38′ S, long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per Hour).						Cloud. (Scale 0–10.)		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	28·88	28·93	28·93	− 1·3	− 1·3	− 2·7	Calm	0	E	5·6	Calm	0	—	—	—
2	28·99	29·02	28·99	+ 0·3	+ 1·4	− 2·0	E	13·0	E	2·5	ESE	9·8	—	—	—
3	28·85	28·83	28·83	+ 5·9	+ 4·3	+ 0·7	E	32·7	E	21·3	Calm	0	—	—	—
4	28·76	28·70	28·61	− 7·6	− 9·0	17·0	Calm	0	Calm	0	SSW	7·2	—	—	—
5	28·55	28·58	28·62	−27·4	−13·0	− 2·2	E	9·6	E	9·8	E	9·8	—	—	—
6	28·64	28·70	28·75	+ 5·7	+12·9	+12·2	E	20·6	E	19·0	E	12·5	—	—	—
7	28·75	28·65	28·58	+ 4·6	+ 5·9	+ 9·9	E	7·2	Calm	0	Clam	0	—	—	—
8	28·63	28·68	28·68	−11·2	−14·8	−21·6	S	11·4	S	6·7	Calm	0	—	—	—
9	28·59	28·58	28·58	− 5·8	− 5·1	− 3·8	E	13·9	E	9·8	E	10·7	—	—	—
10	28·62	28·66	28·72	− 7·6	− 8·5	−11·4	E	11·2	E	15·7	E	12·5	—	—	—
11	28·82	28·88	28·92	−11·2	− 9·9	−13·0	E	7·4	E	9·0	E	5·8	—	—	—
12	28·91	28·93	28·95	−30·6	−37·8	−43·6	Calm	0	SSE	4·5	Calm	0	—	—	—
13	29·00	29·06	29·08	−24·7	−24·2	−29·2	E	7·8	E	11·2	E	11·6	—	—	—
14	29·10	29·13	29·13	−38·2	−38·2	−41·8	E	15·7	E	18·8	E	17·2	—	—	—
15	29·02	28·95	28·88	−33·3	−38·2	−43·6	ESE	6·3	Calm	0	Calm	0	—	—	—
16	28·78	28·76	28·79	−54·4	−58·0	−61·2	S	5·6	Calm	0	Calm	0	—	—	—
17	28·96	29·14	29·30	−53·1	−14·8	−11·7	E	12·1	NWW	6·3	N	6·7	—	—	—
18	29·50	29·57	29·59	−13·0	−17·9	−14·1	NW	9·4	E	14·1	E	14·1	—	—	—
19	29·52	29·39	29·25	−30·6	−27·4	−40·0	ENE	5·4	Calm	0	SW	9·8	—	—	—
20	29·15	29·15	29·11	−49·7	−54·0	−34·2	SSW	8·1	Calm	0	Calm	0	—	—	—
21	28·82	28·69	28·60	−23·8	−20·7	−32·4	SSW	14·3	SSW	20·1	SSW	26·8	—	—	—
22	28·65	28·71	28·78	−50·8	−55·3	−51·2	WSW	10·5	Calm	0	Calm	0	—	—	—
23	28·84	28·84	28·86	−52·6	−50·4	−48·8	E	16·8	E	17·5	E	16·3	—	—	—
24	28·89	28·91	28·94	−51·2	−60·7	−64·8	Calm	0	Calm	0	Calm	0	—	—	—
25	28·89	28·84	28·77	−72·8	−71·0	−58·0	Calm	0	S	4·7	WSW	6·7	—	—	—
26	28·82	28·85	28·89	−62·9	−56·2	−52·6	Calm	0	E	17·5	E	15·7	—	—	—
27	29·01	29·07	29·20	−42·2	−33·3	−43·6	NE	13·0	E	22·4	E	11·6	—	—	—
28	29·41	29·44	29·42	−59·8	−65·2	−63·9	E	14·5	ENE	11·2	Calm	0	—	—	—
29	29·33	29·23	29·17	−68·8	−64·3	−53·5	Calm	0	Calm	0	S	4·9	—	—	—
30	29·00	28·90	28·82	−49·9	−42 7	−38·6	Calm	0	SW	10·7	SSW	17·5	—	—	—
Mean ...	28·92	28·93	28·93	−30·6	−28·8	−29·2		9·0		8·5		7·6	—	—	—

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. JULY, 1911. Lat. 78° 38′S, long. 163° 37′ W.

——	Barometer. Reduced to 32° F., Sea Level and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per hour).						Cloud. (Scale 0–10).		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	28·87	29·04	29·08	−54·4	−65·4	−54·4	SW	5·4	Calm	0	Calm	0	—	—	—
2	29·22	29·32	29·38	−30·1	−36·4	−38·2	Calm	0	SW	14·3	SSW	21·5	—	—	—
3	29·53	29·56	29·51	−50·6	−53·5	−55·3	SW	19·5	Calm	0	ESE	10·3	—	—	—
4	29·27	29·12	28·99	−32·8	−37·3	−30·5	ESE	12·5	E	5·6	SE	11·9	—	—	—
5	28·69	28·51	28·45	−22·7	−27·9	−36·2	E	9·6	SW	6·0	SSW	16·1	—	—	—
6	28·58	28·74	28·84	−34·4	−36·6	−46·3	WSW	10·1	SW	7·8	S	9·2	—	—	—
7	29·04	29·19	29·28	−45·9	−44·1	−44·5	SSW	9·0	Calm	0	S	6·5	—	—	—
8	29·25	29·04	28·93	−30·1	−12·8	−14·6	E	16·3	ESE	35·8	E	23·3	—	—	—
9	28·78	28·71	28·68	+ 1·9	0·0	0·0	E	27·3	E	19·0	E	18·8	—	—	—
10	28·64	28·51	28·43	− 4·9	+ 9·5	− 0·2	E	7·8	ESE	14·5	E	29·1	—	—	—
11	28·38	28·31	28·29	−16·6	−24·7	−29·2	Calm	0	S	12·5	E	6·7	—	—	—
12	28·34	28·43	28·45	− 4·9	+ 0·5	+ 0·5	E	13·9	E	18·8	ESE	6·7	—	—	—
13	28·46	28·41	28·38	− 6·7	−25·1	−34·6	Calm	0	SW	9·8	S	6·7	—	—	—
14	28·47	28·62	28·69	−47·0	−39·1	−22·9	Calm	0	E	10·7	WNW	6·7	—	—	—
15	28·86	28·90	28·90	−35·5	−44·5	−35·5	WSW	4·7	Calm	0	Calm	0	—	—	—
16	28·85	28·81	28·82	−23·1	−21·1	−25·6	E	23·3	E	16·1	E	15·7	—	—	—
17	28·99	29·04	29·05	−40·9	−43·8	−24·3	Calm	0	Calm	0	E	13·4	—	—	—
18	28·96	28·86	28·79	−24·0	−17·5	−10·8	ESE	15·7	ESE	18·6	E	8·3	—	—	—
19	28·63	28·64	28·63	−49·4	−51·0	−56·7	Calm	0	WSW	11·2	SW	23·0	—	—	—
20	28·64	28·60	28·47	−52·1	−55·7	−57·1	WSW	14·5	SSW	14·8	SW	17·9	—	—	—
21	28·40	28·49	28·60	−57·1	−46·7	−22·9	Calm	0	ENE	8·1	ENE	8·1	—	—	—
22	28·84	28·95	29·00	−15·5	−27·9	−33·7	NE	12·5	E	17·5	E	12·5	—	—	—
23	28·96	28·99	29·07	−19·3	−20·7	−30·6	E	20·6	E	17·9	E	11·9	—	—	—
24	29·23	29·25	29·23	−26·1	−23·1	−24·7	ENE	15·2	E	10·1	ENE	13·6	—	—	—
25	29·16	29·13	29·13	−18·8	−17·7	−18·8	E	9·0	E	10·3	ESE	21·5	—	—	—
26	29·21	29·28	29·30	−28·3	−41·3	−49·9	E	10·3	E	6·3	E	13·4	—	—	—
27	29·35	29·34	29·34	−60·7	−60·3	−66·1	ESE	7·6	S	4·9	Calm	0	—	—	—
28	29·28	29·25	29·21	−62·5	−55·3	−40·4	Calm	0	ESE	4·9	S	7·2	—	—	—
29	29·18	29·15	29·06	−40·4	−44·9	−49·9	SSE	7·2	SSE	4·0	Calm	0	—	—	—
30	28·93	28·93	29·01	−40·9	−47·7	−55·3	S	13·6	SW	9·6	Calm	0	—	—	—
31	29·19	29·23	29·21	−53·5	−53·9	−54·9	Calm	0	SSW	6·7	WSW	4·9	—	—	—
Mean	28·92	28·91	28·91	−33·2	−34·4	−34·2		9·2		10·1		11·2	—	—	—

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. AUGUST. 1911. Lat. 78° 38′ S long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per Hour).						Cloud. (Scale 0–10.)		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	29·12	29·01	28·92	−63·0	−64·3	−59·3	SW	18·4	SW	22·4	SSW	6·7	—	—	—
2	28·59	28·64	28·75	−13·9	−13·9	−36·4	WSW	28·0	WSW	36·2	WSW	21·5	—	—	—
3	28·82	28·77	28·64	−30·1	−33·7	−28·3	WSW	7·6	E	12·3	ESE	13·0	—	—	—
4	28·66	28·77	28·85	−55·8	−60·7	−59·3	SSW	9·6	SW	13·4	Calm	0	—	—	—
5	29·04	29·13	29·24	−59·6	−49·0	−49·9	E	12·1	E	13·0	E	6·7	—	—	—
6	29·33	29·39	29·42	−37·3	−49·9	−50·6	Calm	0	Calm	0	Calm	0	—	3	—
7	29·51	29·49	29·41	−57·1	−57·1	−51·0	Calm	0	Calm	0	Calm	0	—	6	—
8	29·25	29·13	29·07	−53·1	−40·9	−53·1	E	4·5	E	12·1	WSW	6·7	—	9	—
9	28·94	28·89	28·89	−57·1	−55·7	−58·9	Calm	0	Calm	0	S	8·3	—	6	—
10	29·01	29·10	29·14	−62·1	−69·7	−58·9	Calm	0	S	3·4	E	15·2	—	2	—
11	29·17	29·14	29·07	−41·8	−40·9	−44·5	E	19·2	E	15·4	Calm	0	—	10	—
12	28·91	28·88	28·88	−60·0	−67·0	−69·7	Calm	0	SW	11·6	SW	9·0	—	5	—
13	28·89	28·88	28·84	−74·2	−62·5	−58·9	Calm	0	SSW	3·4	E	15·7	—	2	—
14	28·82	28·87	28·88	−65·2	−70·2	−49·9	SE	6·3	SSE	6·3	E	13·4	—	2	—
15	28·96	29·12	29·26	−31·9	−53·5	−65·6	ENE	9·0	W	7·2	Calm	0	—	0	—
16	29·14	28·99	28·86	−67·9	−66·1	−62·5	Calm	0	Calm	0	Calm	0	—	1	—
17	28·84	28·93	29·07	−72·4	−67·9	−64·3	SW	15·7	SW	6·0	NW	3·6	—	5	—
18	29·12	29·15	29·17	−52·1	−51·7	−41·4	E	13·4	E	15·7	E	13·4	—	2	—
19	29·12	29·08	29·03	−37·3	−47·2	−51·2	E	13·4	NE	6·7	S	4·5	—	5	—
20	28·90	28·88	28·82	−71·9	−69·2	−72·6	SW	5·4	S	3·4	Calm	0	—	0	—
21	28·78	28·75	28·67	−71·5	−69·7	−64·8	Calm	0	Calm	0	E	10·7	1	1	—
22	28·78	28·82	28·79	−13·2	−18·9	−48·1	E	27·5	E	22·8	SSW	10·3	10	5	—
23	28·86	28·87	28·82	−35·5	−44·5	−49·9	Calm	0	E	5·1	SSW	15·7	8	2	—
24	28·86	28·92	28·92	−33·7	−35·1	−44·5	ENE	14·5	E	16·8	Calm	0	0	2	—
25	28·81	28·78	28·75	−30·6	−42·0	−24·7	Calm	0	ENE	10·5	E	11·2	10	10	—
26	28·87	28·96	29·09	−34·4	−27·6	−19·3	ENE	14·8	ENE	16·1	N	12·8	8	10	—
27	29·36	29·47	29·52	−12·1	−17·9	−26·1	N	7·6	NE	7·4	NE	6·7	10	10	—
28	29·48	29·37	29·28	−44·5	−40·0	−37·3	NE	12·5	NE	8·3	NE	11·6	1	8	—
29	29·05	28·88	28·77	−63·4	−63·4	−58·9	SE	4·9	S	4·9	S	4·0	1	3	—
30	28·62	28·56	28·57	−63·4	−60·0	−40·9	S	5·1	Calm	0	Calm	0	4	8	—
31	28·87	29·06	29·09	−15·5	−29·4	−39·1	NW	29·8	N	10·7	E	17·9	10	3	—
Mean	28·98	28·99	28·98	−47·7	−49·7	−49·5		9·0		9·4		7·6	—	—	—

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. SEPTEMBER, 1911. Lat. 78° 38′ S, long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per hour).						Cloud. (Scale 0–10).		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	29·10	29·10	29·15	−44·5	−49·0	−53·1	NE	11·2	NE	9·6	Calm	0	5	3	—
2	29·11	29·15	29·19	−63·6	−54·6	−57·6	Calm	0	Calm	0	SW	3·6	3	1	1
3	29·23	29·30	29·32	−62·5	−56·4	−56·6	E	13·9	Calm	0	Calm	0	0	1	—
4	29·23	29·16	29·03	−48·1	−44·9	−48·1	E	11·9	NE	20·6	NE	19·0	10	10	10
5	28·83	28·81	28·83	−46·3	−39·1	−33·7	NE	14·1	E	2·9	E	14·1	8	10	10
6	28·95	29·07	29·15	−24·7	−25·1	−21·6	E	20·8	E	17·9	E	16·3	10	7	10
7	29·36	29·43	29·51	−26·5	−11·7	− 8·5	ENE	2·9	E	23·0	E	27·7	10	10	10
8	29·47	29·39	29·31	−30·1	−33·7	−42·7	ENE	9·4	E	13·9	E	2·5	6	2	6
9	29·08	29·05	28·93	−46·7	−43·6	−45·4	Calm	0	NE	2·7	Calm	0	4	2	6
10	28·89	28·92	28·95	−44·5	−42·7	−51·7	NE	2·5	NE	2·7	SW	7·4	10	2	6
11	28·99	28·97	28·95	−62·5	−60·7	−64·3	SW	9·4	SW	2·7	Calm	0	2	0	0
12	28·71	28·68	28·67	−58·9	−53·9	49·9	Calm	0	S	9·4	SW	2·5	6	6	4
13	28·75	28·72	28·66	−55·3	−57·1	−60·7	S	9·6	S	5·4	S	9·0	2	0	0
14	28·62	28·68	28·75	−57·1	−49·9	−49·9	Calm	0	SW	11·6	SW	15·7	3	4	4
15	28·84	28·92	28·92	−44·5	−37·3	−39·5	W	9·4	W	9·8	SW	9·2	6	7	7
16	29·00	29·04	29·04	−48·1	−53·5	−60·7	Calm	0	SE	2·5	S	2·7	2	0	0
17	28·84	28·77	28·65	−62·5	−56·9	−64·3	Calm	0	Calm	0	S	2·9	0	0	0
18	28·58	28·71	28·75	−58·0	−53·5	−49·9	Calm	0	NE	7·4	Calm	0	1	0	2
19	28·95	29·13	29·18	−47·2	−45·6	−53·5	SW	11·9	SW	8·3	E	4·5	8	4	7
20	29·25	29·33	29·40	−26·9	−22·9	−25·1	NE	13·9	E	12·1	NE	15·2	10	10	8
21	29·46	29·48	29·50	−13·2	−15·9	−21·5	E	25·7	E	17·0	E	20·4	10	2	7
22	29·50	29·48	29·45	−31·9	−33·7	−44·5	S	5·6	Calm	0	S	5·1	7	1	1
23	29·35	29·24	29·12	−44·1	−29·9	−43·8	S	8·3	Calm	0	Calm	0	7	7	5
24	28·88	28·70	28·69	28·3	−23·8	−37·3	Calm	0	Calm	0	SW	6·9	10	10	10
25	28·66	28·69	28·70	−31·5	−27·9	−19·3	E	9·0	ENE	9·8	NE	13·4	10	10	10
26	28·78	28·77	28·81	−18·2	− 1·3	− 1·7	E	7·4	N	15·7	NNE	17·0	10	10	10
27	28·65	28·58	28·60	− 4·0	− 2·6	− 3·1	E	21·7	E	26·2	E	20·1	10	10	10
28	28·59	28·49	28·26	+ 5·9	+10·2	+14·9	E	17·9	SE	13·4	ESE	24·6	10	5	10
29	28·51	28·62	28·63	+14·9	+10·0	+ 5·7	NE	44·7	NNE	33·6	E	13·4	10	8	9
30	28·35	28·23	28·09	− 9·3	+11·3	+ 3·2	E	4·5	Calm	0	Calm	0	9	10	10
Mean	28·95	28·95	28·94	−35·9	−32·4	−35·3		9·6		9·4		9·0	6·6	5·1	5·8

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. OCTOBER, 1911. Lat. 78° 38′ S, long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per Hour).						Cloud. (Scale 0–10.)		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	28·20	28·40	28·60	+ 8·6	+ 5·4	+ 9·1	N	25·5	NNE	21·9	NNE	17·2	10	10	10
2	28·73	28·63	28·56	− 0·6	+ 7·0	+ 7·3	ESE	30·0	E	26·8	ESE	17·9	10	10	10
3	28·40	28·38	28·38	+10·9	+10·6	+ 6·3	ESE	22·8	ESE	29·1	E	14·5	10	10	10
4	28·49	28·50	28·49	− 1·8	− 5·4	− 2·6	NE	10·5	E	11·6	E	9·0	10	7	10
5	28·24	28·15	28·19	+ 0·5	− 19·8	− 26·7	SSW	12·1	SSW	11·2	S	5·4	1	10	5
6	28·26	28·30	28·38	−37·8	− 29·6	−32·4	S	7·2	Calm	0	Calm	0	2	3	7
7	28·56	28·62	28·65	−27·4	−25·8	−26·7	S	6·7	NE	7·8	SE	2·7	2	2	3
8	28·65	28·66	28·66	−32·8	−26·0	−40·4	Calm	0	Calm	0	E	5·4	2	1	1
9	28·68	28·69	28·63	−25·4	−16·6	−22·4	ENE	22·4	E	19·7	E	15·7	10	7	4
10	28·53	28·54	28·53	−16·6	−17·3	−30·3	E	32·0	Calm	0	Calm	0	7	8	4
11	28·56	28·60	28·62	−38·6	−34·6	−40·2	Calm	0	SSW	6·7	SW	6·0	1	1	10
12	28·69	28·75	28·84	−37·7	− 27·4	− 29·2	ENE	9·0	ENE	17·5	ENE	17·0	10	10	8
13	29·04	29·19	29·34	−23·1	− 16·6	− 16·8	E	14·8	ENE	11·2	E	10·3	10	10	10
14	29·67	29·71	29·64	−13·5	−17·7	17·5	SW	3·8	ENE	11·2	E	16·1	8	10	10
15	29·41	29·18	28·91	−25·6	− 19·7	− 13·0	E	13·4	E	13·4	ESE	12·3	6	10	10
16	28·58	28·52	28·43	−12·8	− 16·6	22·0	SW	5·4	S	9·8	SSW	10·1	10	6	9
17	28·35	28·52	28·74	−25·2	−23·4	27·8	SW	16·1	SW	28·0	WSW	12·1	10	10	4
18	29·04	29·06	28·97	− 2·0	+ 4·6	− 2·4	NE	11·2	NE	18·8	ESE	27·3	10	10	10
19	28·49	28·37	28·30	+ 1·4	− 4·0	− 5·6	E	39·4	ENE	25·3	Calm	0	10	10	10
20	28·42	28·53	28·59	−16·2	− 6·2	− 15·7	SE	7·4	E	9·0	NE	14·1	9	6	2
21	28·45	28·28	28·34	− 2·2	+ 3·7	14·8	SE	20·6	SE	25·1	S	12·1	0	6	8
22	28·42	28·49	28·45	+ 1·4	+ 1·4	+ 6·8	E	21·0	E	16·1	E	23·3	10	6	4
23	28·28	28·32	28·47	−11·2	−15·7	− 22·0	S	30·0	SW	31·5	SW	12·1	10	10	2
24	28·71	28·63	28·53	+ 3·2	+ 6·8	+ 1·4	NE	9·6	NE	18·6	NE	13·6	10	10	10
25	28·43	28·46	28·65	+ 1·4	+ 1·4	− 7·6	SE	9·4	SW	16·3	SW	15·9	10	10	6
26	28·84	28·94	28·96	−20·2	− 9·4	−14·1	SW	7·4	Calm	0	S	9·2	4	6	8
27	28·96	28·98	28·77	−21·1	−15·5	+10·4	Calm	0	S	5·1	E	29·5	0	4	10
28	28·35	28·20	28·14	+10·0	+15·8	+10·4	SE	25·3	SE	14·3	Calm	0	10	10	10
29	28·34	28·48	28·71	−13·0	+ 3·2	+10·4	SW	22·8	W	15·7	W	15·7	10	10	10
30	28·97	29·10	29·16	+12·2	+ 6·8	+ 8·2	N	36·5	N	36·7	N	20·8	10	10	10
31	29·13	29·10	29·07	− 0·8	+ 5·7	− 4·0	E	25·3	Calm	0	Calm	0	2	6	4
Mean ...	28·64	28·65	28·67	−11·4	− 8·9	−11·7		15·9		14·8		11·9	7·2	7·7	7·5

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. NOVEMBER, 1911. Lat. 78° 38′ S, long. 163 37′ W.

	Barometer. Reduced to 32° F., Sea Level and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per hour).						Cloud. (Scale 0–10).		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	29·16	29·27	29·30	−18·4	− 7·6	− 4·9	E	3·1	S	13·4	SE	13·4	5	0	2
2	29·30	29·17	29·14	− 0·4	+ 2·8	− 6·3	E	34·4	E	38·9	S	4·5	0	0	1
3	29·13	29·13	29·18	−14·8	− 6·2	7·6	S	2·5	S	2·7	SW	14·3	0	0	0
4	29·38	29·50	29·56	− 5·8	+ 1·4	− 5·8	S	2·7	Calm	0	SW	15·7	0	0	0
5	29·52	29·56	29·56	+ 3·2	− 2·2	6·2	SW	12·1	S	15·7	SW	20·1	10	10	9
6	29·57	29·54	29·41	−11·2	− 0·4	− 3·6	E	4·9	E	4·5	Calm	0	0	2	3
7	29·32	29·34	29·34	+15·8	+15·8	+11·3	E	32·2	E	38·9	E	20·8	4	2	2
8	29·41	29·30	29·20	− 0·4	− 2·2	− 2·2	Calm	0	SW	16·1	SW	20·4	0	0	0
9	29·17	29·17	29·17	− 9·4	+ 1·4	− 5·8	S	15·7	S	2·7	Calm	0	0	0	0
10	29·26	29·30	29·32	− 4·0	+ 0·7	− 0·4	SW	2·7	SW	15·7	SW	7·2	0	2	1
11	29·34	29·38	29·41	− 4·9	+ 3·2	+ 2·1	SW	9·4	SW	13·6	SW	11·6	2	1	2
12	29·48	29·54	29·55	− 2·2	+10·4	− 2·7	E	2·9	SE	2·7	Calm	0	1	1	2
13	29·58	29·60	29·56	+ 3·2	− 3·2	+ 2·3	SE	11·6	NE	3·1	E	17·9	4	0	2
14	29·52	29·60	29·54	+ 1·4	+ 6·4	+ 1·0	E	34·4	E	11·6	E	32·0	0	1	0
15	29·55	29·60	29·59	+ 5·0	+ 8·2	+ 2·5	SE	11·9	SE	17·9	SE	16·6	1	1	2
16	29·44	29·44	29·39	+ 4·3	+ 6·8	+ 5·0	E	32·2	E	40·9	NE	43·2	0	2	10
17	29·33	29·29	29·29	+ 7·9	+10·1	+10·4	SE	9·8	SE	11·6	SE	11·4	10	4	6
18	29·31	29·41	29·41	+ 7·9	+13·6	+15·1	E	18·6	E	14·1	NE	2·7	10	10	9
19	29·46	29·18	29·49	+15·4	+17·6	+ 6·8	Calm	0	SW	4·9	SW	9·6	10	8	10
20	29·50	29·51	29·60	+ 6·1	+ 8·2	+ 1·2	S	2·7	SW	2·9	SW	5·4	10	7	6
21	29·65	29·72	29·74	− 8·7	+ 0·3	− 1·5	SW	5·1	SW	5·1	SW	11·2	0	0	0
22	29·80	29·86	29·88	− 2·9	+ 6·4	− 0·6	S	2·7	E	9·2	E	7·4	0	0	2
23	29·93	29·98	30·02	+ 7·2	+15·8	+17·6	E	9·6	E	9·6	NE	2·7	10	10	10
24	30·05	30·06	29·99	+17·6	+18·0	+15·4	E	2·7	E	5·1	Calm	0	10	10	10
25	29·85	29·77	29·68	+19·0	+19·0	+14·7	Calm	0	SE	2·9	Calm	0	8	8	10
26	29·50	29·45	29·44	+10·4	+21·6	+20·3	E	9·8	N	18·6	N	16·3	10	10	10
27	29·57	29·67	29·73	+17·6	+22·6	+20·5	NW	9·4	NW	16·3	NW	29·8	8	8	9
28	29·84	29·93	29·91	+19·0	+17·2	+ 8·6	W	2·5	SW	2·7	NE	9·2	10	7	4
29	29·84	29·84	29·82	+15·1	+18·3	+12·0	E	4·7	E	7·4	E	5·1	8	8	9
30	29·80	29·81	29·83	+16·2	+20·5	+13·6	SE	2·7	Calm	0	Calm	0	6	4	4
Mean ...	29·52	29·54	29·54	+ 3·6	+ 8·4	+ 4·6		9·8		11·6		11·6	4·6	3·9	4·5

TABLE 65. METEOROLOGICAL JOURNAL.

DECEMBER. 1911.

FRAMHEIM. Lat. 78° 38′ S., long. 163° 37′ W.

	Barometer. Reduced to 32° F., Sea Level, and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per Hour).						Cloud. (Scale 0–10.)		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.		13 h.		19 h.		7 h.	13 h.	19 h.
Day.															
1	29·82	29·85	29·83	+12·9	+14·0	+ 6·4	E	9·8	S	6·9	S	12·1	8	6	3
2	29·85	29·84	29·78	+10·0	+ 9·7	+ 4·6	Calm	0	SE	2·7	SE	2·9	0	0	0
3	29·65	29·76	29·83	+ 1·8	+10·0	+ 5·0	SW	9·8	SW	2·9	SE	4·9	0	0	0
4	29·74	29·54	29·42	+12·2	+19·4	+29·8	SE	27·5	E	31·5	NE	20·8	10	10	10
5	29·38	29·38	29·29	+31·6	+31·6	+28·8	NE	25·3	NE	36·5	NE	43·4	10	10	10
6	29·33	29·34	29·34	+28·4	+28·0	+28·0	NE	20·8	NE	22·6	E	22·6	10	10	10
7	29·60	29·78	29·86	+27·3	+30·2	+24·8	SW	11·9	Calm	0	Calm	0	10	10	9
8	29·96	30·02	30·06	+20·8	+26·6	+26·6	Calm	0	Calm	0	W	2·9	8	10	4
9	30·19	30·06	29·86	+18·5	+26·6	+28·4	Calm	0	NW	5·4	W	13·6	10	10	10
10	29·58	29·54	29·50	+24·8	+23·9	+19·2	S	20·4	SW	22·6	SW	24·8	8	2	2
11	29·41	29·38	29·34	+16·2	+20·1	+20·3	SW	18·4	SW	16·3	Calm	0	9	2	10
12	29·24	29·28	29·30	+19·4	+16·5	+17·6	Calm	0	E	7·6	E	17·9	10	6	0
13	29·30	29·32	29·30	+17·6	+20·8	+19·0	E	15·7	E	17·9	SE	4·7	10	9	2
14	29·30	29·33	29·31	+20·1	+20·8	+19·4	Calm	0	E	7·4	E	9·0	0	5	—
15	29·40	29·51	29·61	+16·2	+19·0	+19·0	E	11·6	E	14·3	E	16·6	4	10	10
16	29·77	29·84	29·87	+23·0	+28·0	+26·2	E	9·2	Calm	0	Calm	0	10	10	10
17	29·81	29·77	29·72	+24·4	+28·4	+20·5	E	9·2	E	5·1	Calm	0	10	3	4
18	29·67	29·65	29·67	+22·6	+24·4	+23·7	E	9·6	E	11·6	Calm	0	10	10	10
19	29·76	29·82	29·86	+18·3	+21·6	+23·0	SW	11·9	E	4·9	Calm	0	10	10	10
20	29·91	29·90	29·85	+23·0	+24·8	+19·4	NE	11·9	NE	7·4	E	18·4	10	10	10
21	29·75	29·78	29·77	+18·5	+25·5	+23·7	E	20·6	E	11·9	E	9·6	10	10	10
22	29·74	29·70	29·69	+26·6	+25·9	+20·5	E	11·9	SE	13·6	E	11·6	10	10	10
23	29·72	29·79	29·82	+19·4	+24·8	+26·1	E	13·9	E	13·6	Calm	0	8	4	8
24	29·84	29·85	29·84	+25·5	+27·3	+20·1	E	9·4	E	11·4	E	11·4	10	10	8
25	29·78	29·78	29·77	+29·8	+19·8	+14·5	Calm	0	S	7·4	S	13·9	0	0	0
26	29·82	29·83	29·87	+11·5	+24·4	+18·7	S	6·9	Calm	0	Calm	0	0	0	1
27	29·94	29·95	29·95	+14·4	+22·3	+20·5	Calm	0	S	7·6	SW	6·7	2	2	2
28	29·93	29·94	29·92	+12·7	+18·1	+15·1	SE	7·4	E	9·0	E	6·9	8	2	1
29	29·88	29·88	29·88	+13·3	+20·8	+20·1	E	13·9	E	14·1	E	13·9	10	10	8
30	29·85	29·83	29·79	+19·0	+22·3	+21·7	E	11·6	ENE	9·8	E	5·1	10	10	10
31	29·71	29·67	29·68	+19·8	+25·9	+18·5	E	9·8	ENE	6·9	SE	9·0	10	10	9
Mean	29·70	29·71	29·70	+19·4	+22·6	+20·3		10·1		10·1		9·4	7·6	6·8	6·3

TABLE 65. METEOROLOGICAL JOURNAL.

FRAMHEIM. JANUARY, 1912. Lat. 78° 38′ S, long. 163° 37′ W.

——	Barometer. Reduced to 32° F., Sea Level and Gravity at 45° (Inches.)			Temperature of the Air. (Degrees Fahrenheit.)			Direction (True) and Velocity of the Wind (Miles per hour).			Cloud. (Scale 0–10).		
Local time.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.	7 h.	13 h.	19 h.
Day.												
1	29·67	29·64	29·63	+18·5	+17·2	+12·7	SW 9·0	SW 9·0	SW 5·4	9	8	2
2	29·59	29·56	29·53	+14·5	+25·2	+15·4	Calm 0	Calm 0	SW 16·1	10	2	8
3	29·52	29·51	29·51	+ 7·9	+16·9	+14·7	SW 11·4	SW 9·4	SW 11·4	0	0	0
4	29·58	29·61	29·62	+13·3	+14·0	+13·6	SE 6·9	E 11·9	E 5·1	1	2	6
5	29·60	29·65	29·63	+ 8·2	+15·1	+ 7·7	SE 4·9	N 4·9	NE 3·4	2	0	1
6	29·63	29·61	29·50	+ 8·6	+15·4	+13·6	Calm 0	SW 9·6	E 7·2	10	10	10
7	29·33	29·25	29·19	+14·7	+19·0	+17·2	E 15·7	SE 7·4	S 4·9	10	10	10
8	29·08	29·08	29·06	+19·0	+19·0	+15·4	E 5·1	Calm 0	Calm 0	10	4	5
9	29·15	29·25	29·26	+11·5	+16·3	+16·2	E 6·7	E 16·6	E 16·3	6	8	10
10	29·37	29·41	29·37	+20·5	+25·9	+19·8	E 9·2	E 9·8	ESE 11·2	10	4	4
11	29·29	29·22	29·22	+19·0	+24·1	+21·9	E 16·6	E 14·3	E 16·1	5	8	4
12	29·18	29·22	29·18	+22·3	+22·6	+16·9	Calm 0	Calm 0	ENE 5·1	9	9	9
13	29·06	29·06	29·06	+18·0	+14·5	+18·7	E 13·9	E 16·1	E 11·9	6	2	0
14	29·11	29·29	29·34	+17·1	+24·1	+20·5	Calm 0	Calm 0	SW 4·9	2	8	10
15	29·47	29·52	29·57	+15·8	+17·6	+16·9	SW 9·8	SW 9·2	Calm 0	10	1	2
16	29·56	29·51	29·45	+12·9	+19·9	+20·5	Calm 0	E 2·9	Calm 0	10	2	10
17	29·36	29·38	29·41	+21·7	+27·1	+17·2	W 5·1	Calm 0	SE 4·9	8	0	0
18	29·43	29·41	29·37	+13·6	+20·1	+18·7	Calm 0	E 23·0	Calm 0	0	0	6
19	29·36	29·39	29·41	+15·8	+15·8	+ 9·7	Calm 0	S 16·1	SSW 15·7	6	0	0
20	29·47	29·45	29·41	+ 7·3	+13·3	+ 9·7	W 6·9	SW 9·2	SW 4·9	0	0	0
21	29·39	29·45	29·45	+ 5·7	+13·6	+20·1	S 4·5	E 4·9	E 16·6	0	9	10
22	29·53	29·55	29·59	+18·7	+22·6	+20·5	E 5·1	E 11·4	Calm 0	6	10	10
23	29·63	29·64	29·62	+20·8	+17·2	+17·2	Calm 0	NE 9·8	ENE 14·1	10	10	10
24	29·63	29·64	29·65	+10·9	+ 9·0	+ 4·6	S 9·2	S 11·9	S 7·4	8	0	0
25	29·47	29·40	29·26	+1·0	+ 1·0	+ 7·9	SW 9·4	SSW 9·8	WSW 21·0	10	8	10
26	29·27	29·27	29·28	+10·8	+16·9	+ 8·2	SE 13·9	E 7·4	SE 5·1	2	0	0
27	29·33	29·32	29·23	+ 9·1	+15·1	+12·9	E 4·9	S 6·9	E 7·4	2	0	0
28	29·32	29·33	29·28	+15·1	+14·9	+ 9·7	S 6·9	E 7·6	Calm 0	0	0	10
29	29·32	29·34	29·36	+16·3	+17·8	+13·6	SE 4·5	S 11·2	Calm 0	10	10	10
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Mean	29·41	29·41	29·39	+14·2	+17·6	+14·9	6·0	8·7	7·4	5·9	4·3	5·4

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*a*) January 25th—March 2nd, 1911.

(*a*) January 25th—March 2nd, 1911. *Observer :* E. L. Atkinson.
(*b*) March 16th—March 23rd, 1911. ,, C. S. Wright.
(*c*) March 23rd—April 10th, 1911 ,, H. R. Bowers.
(*d*) April 11th—May 12th, 1911. ,, E. L. Atkinson and E. W. Nelson.
(*e*) September 23rd—November 4th, 1911. ,, C. H. Meares.
(*f*) March 16th—March 27th, 1912. ,, A. Cherry-Garrard.
(*g*) March 27th—May 1st, 1912. ,, A. Cherry-Garrard.
(*h*) September 26th—November 1st, 1912. ,, E. L. Atkinson and A. Cherry-Garrard.

Time.		Position.	Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1911.			Inches.	°F.								°F.	
25	9	77° 49′ 166° 40′	29·32	26·7	NE by E	1	b.	0·5	Ci., St., Cu.	NE	NE	—	6 h. Moderate breeze, decreasing gradually.
,,	23	,, ,,	29·27	23·3	NE	2	b.	1	Ci.-St.	—	—	—	
26	9	,, ,,	29·13	24·0	NNW	3	b.	—	—	—	—	18·2	13 h. Calm.
,,	22·30	,, ,,	29·17	23·5	SE	3	b.	—	—	—	—	—	16 h. 30 m. Breeze sprang up from SE, force 3-4. Cu.-St. over Brown Island and Mt. Discovery.
27	9	,, ,,	29·31	22·7	SE by S	4	b.c.	0·5	St., Ci., Cu.-St.	SW	ENE	13·3	
,,	22·30	1½ m. S of Hut Point	29·31	17·0	E	4	b.c.	6	Ci., St., Cu.	SE	E	—	
28	7·30	,, ,,	29·36	17·5	E	4	b.c.	8	St., Ci., St.-Cu.	Ci. from ESE	ENE	12·7	11 h. 30 m. Wind fell to calm for one hour.
,,	22·15	,, ,,	29·32	16·3	ESE	1–2	b.c.	4	St.-Cu. Ci.-St., Ci.	S	ESE	—	Moderate breeze from 13 h. to 18 h., when wind decreased to force 2.
29	8	2 m. S of Hut Point	29·34	17·0	E	2	c.	9	St., Ci.	No movement	E	3·5	
,,	22·45	,, ,,	29·48	18·3	ESE	3	c.	6	St.-Cu., Ci., St. and Cu.	NNW	SE	—	
30	7·45	,, ,,	29·57	18·7	E by S	2–3	b.c.	4	Ci., St., Cu.	SE	ESE	9·2	Some Ci.-St. apparently from NE.
,,	22	77° 55′ 167° 0′ (On the Barrier)	29·58	10·5	E	1–2	b.c.	1	St., Ci.	—	E	—	Calm from 11 h. to 14 h. On the Barrier for 2nd observation.
31	7.30	77° 55′ 167° 0′ (Safety Camp)	29·37	13·5	E	2	c.m.	9	St., Ci., Ci.-Cu.	SE	E	3·9	Send from ESE.
,,	22	,, ,,	29·64	13·0	E by N	4	b.c.	4	Cu.-St., A.-St., St., Ci.	SSE	E	—	Occasional calms during day of about 10 minutes' duration 14 h. Hail for 10 minutes. Snow 14 h. 10 m. to 14 h. 30 m. Wisps of Ci. from NW 22 h.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*a*) January 25th—March 2nd, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
February, 1911.				Inches.	°F.								°F.	
1	10.30	77° 55′ (Safety Camp)	167 0′	29·53	13·0	E by N	3	b.c.	9	St.,	—	E	1·9	Thin sheet of low St. round base of Mt. Discovery and Brown Island.
,,	22	,,	,,	29·43	5·3	E by N	4	b.c.	8	St., Ci.	SSE	ENE	—	Snow drifting over surface.
2	7.30	,,	,,	29·22	−0·5	NE by E	1	b.	0·5	Cu., Ci.	NE	ENE	−7·0	Snow drifting over surface.
,,	22.20	,,	,,	28·92	6·5	SE	1	(f.-m.) b.c.	—	Cu.	SE	SE	—	Mild weather and sunshine to cloudy, heavy, still, and very cold.
3	9.30	,,	,,	29·00	20·0	SSW	1	c.	—	Cu.	SE	SW	2·0	Calm to gusty wind and low scudding snow-drift, wind force about 3 now (20 h.). Wind veering from ESE. Cloudy generally, but clear intervals.
,,	20.30	,,	,,	29·10	18·0	SW	3	c.	—	Cu.	SW	SW	—	Temperature in holes in Barrier surface at 20 h. 30 m.: 3 ft., 17·5° F.; 6 ft., 14·0°; 9 ft., 12·5°; 12 ft., 10·0°.
4	9	,,	,,	29·22	21·5	SE	1	s.	5	Ci.-Cu.	SE	SE	−1·8	Started snowing heavily from SW about 22 h. 30 m. Wind shifted from SW to S and then SE. Temperature went up.
,,	20	,,	,,	29·10	25·0	NW	1	m.s.	10	—	—	—	—	Temperature in Barrier surface (20 h.): 3 ft., 17·5°: 6 ft., 14·5°; 9 ft., 10·5°; 12 ft., 7·5°.
5	10	,,	,,	28·91	32·0	NW	1	m.s.	10	—	—	—	28·3	Heavy mist and snow, not able to see ¼ mile. Wind steadiest in NW, veering to SW to SE. Heavy snow.
,,	20	,,	,,	28·79	27·3	NW to SW	1–3	m.s.	10	—	—	—	—	Temperature in Barrier surface (20 h.): 3 ft., 24·5°; 6 ft., 20·0°; 9 ft., 17·0°; 12 ft., 14·5°.
6	10	,,	,,	28·82	24·5	SW	6–7	—	10	—	—	—	23·5	Blizzard started in night from NW, wind force 7–8, heavy snow. Wind veered to SW and steady in that quarter. Hail at times.
,,	20	,,	,,	28·96	24·5	SW	3	c.	4	Cu., Ci., St.	SW	SW	—	Blew very heavy blizzard all day; took off at 17 h. 30 m. Heavy snow and wind up to force 10 at times, mostly 8 or 9. [No temperatures in Barrier surface.—holes all full of snow.]
7	9	,,	,,	29·05	23·5	SE	2	c.	4	Cu., Ci.	SE	SE	18·0	About 8 h. 30 m. started to blow again, only in squalls, but very strong force; about midnight at its highest force, 10. Died away quickly, wind SW.
,,	21.30	,,	,,	28·96	14·5	SE	2	b.c.	1	Cu., Ci.	SE	SE	—	
8	9	,,	,,	28·93	11·5	SE	1	b.c.	2	Ci., Cu., St.	SE	SE	7·5	Clear and sunshine.
,,	21.30	,,	,,	28·93	9·5	SE	—	b.c.	1	St., Cu.	SE	SE	—	
9	9	,,	,,	29·06	12·0	NE	2	b.c.	5	Cu., Ci., St.	NE	SE	−4·8	
,,	21	Hut Point		29·18	18·5	NE	2–3	c.	8	Cu.	—	—	—	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*a*) January 25th—March 2nd, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
February, 1911.				Inches.	°F.								°F.	
10	9	Hut Point		29·22	24·5	Calm	0	c.	8	Cu., St.	—	—	18·5	
,,	21.30	,,		29·15	22·5	SE	1	b.c.	5	Cu., Ci., St.	SE	SE	—	
11	9	,,		29·10	19·0	NE	3–4	c.	8	Cu.	NE	NE	18·5	
,,	21	,,		29·06	16·5	NE	4–5	c.	8	Cu., St.	NE	NE	—	
12	9	,,		29·11	19·5	NE	1–2	c.	8	Cu., Ci., St.	NE	NE	14·5	
,,	21.30	,,		29·20	15·5	SE	3–4	b.c.	2	Cu., St., Ci.	SE	SE	—	17 h. False sun, lasted until 17 h. 45 m.
13	9	,,		29·30	16·5	SE	1–2	b.c.	2	Ci., St.	SE	SE	8·5	
,,	21	,,		29·32	13·5	NE	1–2	b.	0	—	—	—	—	
14	9	,,		29·35	13·5	NE	2–3	c.	8	Cu.	NE	NE	11·5	
,,	21	,,		29·35	13·3	SE	2	c.	6	Cu., St.	—	—	—	
15	9	,,		29·36	14·0	SE	2	c.	8	Cu., St.	—	—	9·0	
,,	21	,,		29·36	11·5	NE	1–2	c.	6	Cu., St.	—	—	—	
16	9	,,		29·42	14·5	NE	1	b.c.	4	Cu., Ci., St.	NE	NE	8·5	
,,	21	,,		29·31	18·0	NE	1	b.c.	2	Ci., St.	NE	NE	—	
17	9	,,		29·10	11·5	NE	1–2	b.c.	4	St., Ci., Cu.	NE	NE	9·0	
,,	21	,,		29·00	20·5	Calm	0	c.	6	St., Cu.	SE	SE	—	
18	9	,,		29·10	−0·5	SE	3–4	b.c.	2	Ci., St.	SE	SE	−3·0	Heavy winds and snow-drift during the night. Sun shining at 9 h.
,,	21	,,		29·13	14·5	SE	3–4	c.	7	Cu., St.	SE	SE	—	
19	9	,,		29·19	20·0	NE	1	c.	7	Cu., Ci., St.	NE	NE	6·5	
,,	21	,,		29·19	13·5	SE	1	c.	7	Cu., St.	NE	NE	—	
20	9	,,		29·20	13·0	NE	1	c.	8	Cu., St.	—	—	2·5	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*a*) January 25th—March 2nd, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from			
											Upper.	Lower.		
February, 1911.				Inches.	°F.								°F.	
20	21	Hut Point		29·21	16·5	SE	1	b.c.	4	Cu., Ci.	—	—	—	
21	9	,,		29·15	13·0	SE	1–2	b.	—	—	—	—	6·5	
,,	21	,,		29·05	17·0	NE	1	b.c.	7	Ci., St.	NW	—	—	Moon visible in northern part of sky.
22	9	,,		29·11	16·5	NE	1–2	c.	8	Cu., Ci., St.	NE	NE	11·5	
23	21	77° 55′ (Safety Camp)	167° 0′	29·35	1·5	NE	1	c.	8	Cu.	—	—	—	
24	6	77 55	167 0	29·31	3·5	NE	1	c.	10	—	—	—	1·5	
,,	19,30	77 56 (Towards Corner Camp)	167 42	29·16	2·5	SSW	4	e.m.	6	Cu., Ci., St.	SW	SW	—	
25	7	77 56	167 45	29·16	−16·0	SE	1	b.c.	6	Cu., Ci., St.	SE	SE	−11·0	Blew fairly strong in night, with drift.
,,	20	78 0	168 46	29·06	− 5·0	S	1	b.c.	4	Ci., St.	—	S	—	
26	6	,,	,,	29·05	− 9·0	SE	1	b.c.	5	St., Cu., Ci.	SE	SE	−17·0	
,,	21	,,	,,	29·00	− 9·0	SE	1	b.c.	4	Cu., Ci.	SE	SE	—	
27	11	78 0 (3 m. N. of Corner Camp)	168 40	28·85	− 8·0	SE	6	o.q.m.s.	—	—	—	—	−11·0	Blizzard.
,,	20	,,	,,	28·90	− 3·0	SE	5	o.q.s.	—	—	—	—	—	Blizzard.
28	7	78 0	168 48	28·95	− 6·0	SE	1	b.c.	7	Cu., St.	—	—	− 6·0	Wind died away during night about 1 h., also drift.
,,	19	78 0	168 24	28·91	− 4·0	SE	1	b.c.	5	Cu., Ci., St.	SE	SE	—	
March, 1911.														
1	8	78 0	168 24	28·90	6·5	SE	1	c.	8	Cu.	—	—	—	
,,	20	77 55 (Safety Camp)	167 0	29·00	4·5	SE	1	b.c.	6	Cu., St.	—	—	—	
2	8	,,	,,	29·02	−14·0	NE	2	b.c.	5	Cu., St.	NE	NE	−15·0	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*b*) March 16th—March 23rd, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1911.				Inches.	°F.								°F.	
16	noon	Hut Point		29·65	− 0·5	SE	1	b.e.	1	St.	—	—	—	Clear bright day, low St. appearing over W and S.
,,	20.20	,,		29·51	+ 7	N	4	b.c.	2	Cu., St.-Cu.	—	—	—	Clear overhead, wind variable in P.M. but strengthening to N. Floe ice drifting in. Cloudier on horizon.
17	9.0	,,		29·70	+ 0·5	SE	4	o.	6	St.-Cu.	—	—	− 1	Clear to W. Drifting strongly over open water to S.
,,	12.10	,,		29·78	− 4	NE	4	o.b.	6	St.-Cu.	—	—	—	Blue overhead in places. Strong high drift, sun shining however.
,,	20.30	,,		29·80	− 2	SE	5	o.u.	10	—	—	—	—	All drift. Extremely strong drift obscuring everything.
18	8.30	,,		29·82	+11	S	1	o.	10	—	—	—	− 2·5	All clouded with light snow falling.
,,	12.10	,,		29·80	+13	S	4–5	o.	9	—	—	—	—	Heavy to N. Cu. to South (no blue sky). Pretty strong drift.
,,	20.0	,,		29·90	+ 8·5	S	5	o.c.	8	St.-Cu.	—	—	—	Clearer to E. Strong surf. No drift at hut.
19	9.15	,,		30·10	−10	E	6–7	o.	9	—	—	—	−11·5	All clouded. Slightly less gloomy to E. Some drift.
,,	13.20	,,		30·17	−10	E	6	o.	9	—	—	—	—	All clouded. Moderately high drift.
,,	20.20	,,		30·10	− 8·5	E	4	o.	10	—	—	—	—	All clouded. Strong drift as cloud to S, less at hut. Blue sky in afternoon.
20	8.30	,,		30·04	− 3·5	E	1	b.	1	St.-Cu.	—	—	−10	St.-Cu. around horizon. Discovery Bay freezing. Top of Wn. Mts. showing.
,,	12	,,		29·96	− 0·5	E	1	b.c.	4	Ci.-Cu.	—	—	—	
,,	20.20	,,		29·85	+13	SE	5	o.	10	—	—	—	—	Clouded over. Bay clear, but ice covering open water.
21	8.20	,,		29·94	+15·5	S	8	o.	10	—	—	—	+10	All overcast. SSW gale (stronger to 10 in night). Drift 1,000′ high. Spray over hut.
,,	noon	,,		30·00	+14	SE	6	o.	8	—	—	—	—	Storm cloud all over. Clearer to E. Heavy in W.
,,	20.20	,,		30·00	+10	E	4	o.c.	6	Ci.-Cu., St.-Cu.	—	—	—	Clearer to W and N. Overcast elsewhere.
22	8.40	,,		29·95	+ 8·5	E	2	b.	2	—	—	—	+6·0	Cu. in N (some St.). Clear day. Wn. mountains very clear. Barrier blocks drifting.
,,	noon	,,		29·92	+19	N	1	o.	8	—	—	—	—	Clear to SW.
,,	20.20	,,		29·82	0	ENE	3	o.	9	—	—	—	—	Overcast.
23	9	,,		—	+ 3·5	E	1	b.c.	4	—	—	—	−1·0	St. on hor., Ci. above, few Cumuli. Bay open—barrier block miraged.
,,	12.30	,,		29·81	+ 3·5	E	2	b.c.	3	—	—	—	—	Mackerel stratus.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*c*) March 23rd—April 10th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1911.				Inches.	°F.								°F.	
23	8	Pressure Ridges 77° 50′	166° 55	28·67	−11·2	Calm	0	b.c.	3	Ci., Ci.-St.	—	Radiant point NW	−14·8	About 22 h. on 22nd heavy St. worked over from NE obscuring stars in W and SW quadrants.
,,	12	Crater Heights		—	—	E	3	b.c.	6	St., Ci.-St.	—	—	—	Thin cloud moved at a low level obscuring summit of Castle Rock and moving very slowly 23rd, 2 h.
,,	22	Hut Point		—	—	Calm	0	b.c.	5	Ci., Ci.-St.	Still		—	Calm, b.c., clouds stationary. Noon: Breeze steady since 10 h. Indications of more Barrier ice having gone out during past week.
24	10	,,		28·74	18·1	Calm	0	o.s.	10	St.	—	—	5·5	Steady falling snow in fairly large flakes.
,,	14	,,		28·71	16·8	SE	3	o.s.	10	St.	—	—	—	Breeze freshening.
,,	21.30	,,		28·75	16·2	ESE	2	c.b.m.	8	Ci.-St., St.	—	S	—	St. moving very slowly. b. overhead and to Westward.
25	7.15	,,		28·84	8·2	ESE	3	b.c.	3	St.	—	S	7·5	10 h. Considerable drift. Breeze freshening from ENE. Noon: Partial parhelion just visible in clear sky.
,,	14	,,		28·90	12·0	E	1	b.c.	4	St.	—	S	—	St. moving moderately from Southward. 14 h. Fine and clear.
,,	19.15	,,		28·88	11·8	E	1	b.c.	3	A.-St.	—	Stationary	—	Frost-smoke on water to S. Ice in Strait practically stationary.
26	9	,,		28·90	6·4	ESE	2	b.c.	3	Ci., Ci.-St.	—	—	4·2	Frost-smoke over Strait. 11 h. Breeze increased with low drift (force 4). 14 h. Drift ceased; breeze fell to 2. 17 h. Fine and clear.
,,	12	,,		28·90	4·8	ESE	4	b.c.s.	4	Ci.-St., St.	—	—	—	
,,	19	,,		28·95	13·5	SE	2	b.c.	3	A.-St., St.	—	—	—	During greater part of night calm, atmosphere clear.
27	9	,,		28·89	3·9	ESE	3	b.c.	4	Ci., Ci.-St.	Radiant point ESE	—	2·0	Very slight drift at intervals.
,,	13.20	,,		28·85	−2·0	E	4	b.c.s.	5	Ci.-St., A.-St.	—	—	—	Considerable drift, breeze freshening. 17 h. Simultaneous temperatures: Hut Point, 1·0°; slopes above Pram Point—2·2. 17 h. 30 m. Temperature in gap clear of wind, 0·0. 19 h. Breeze falling, sky clear.
,,	19	,,		28·86	−2·5	E	2	b.c.	3	St.	—	SE	—	
28	9.30	,,		28·90	−2·2	E by S	3	b.c.s.	4	A.-St., Ci.-St.	SSE	SSE	−4·1	2 h. Light S. breeze, backing later to ESE with drift. 10 h. Breeze freshening; clouds moving slowly from SSE. 13 h. 15 m. Fresh breeze with much drift over heights.
,,	13.15	,,		—	−3·0	E by S	4–5	b.c.s.	6	St.	—	—	—	
,,	21.20	,,		28·97	−0·8	E	1	b.c.	7	A.-St., St.	—	—	—	Almost calm, clouds stationary.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*c*) March 23rd—April 10th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0-12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1911.				Inches.	°F.								°F.	
29	9	Hut Point		28·99	2·2	Calm	0	c.b.	8	A.-St., St.	—	—	−6·0	Occasional light NE air. Forenoon b. clear sky over Barrier to SE; atmosphere clear; weather fine but dull. 16 h. Light breeze came away from SSE on Arrival Heights. 19 h. Fine and clear atmosphere; breeze freshening; mackerel-back formation in Ci.-St. to WNW.
,,	13.30	,,		29·00	8·1	Calm	0	o.	10	A.-St., St.	Stationary		—	
,,	19	,,		29·10	12·8	SE	3	o.	10	Ci.-St., A.-St., St.	—	—	—	
30	7.25	,,		29·01	2·9	E	5	o.c.	9	A.-St., St.	—	—	2·0	7 h. 30 m. A.-St. to Southward and overhead. Heavy St. to N and NE. 13 h. Large prismatic halo over Sun with fringe of short white rays outside circle, caused apparently by background of cirrus clouds. Slight drift. 17 h. 30 m. Fine and clear, no drift, h. to S and SW.
,,	13.45	,,		—	2·1	E	5	b.c.	6	Ci., Ci.-St.	Radiant point NE and SW	—	—	
,,	19	,,		28·95	0·5	E	3	b.c.	5	Ci.-St., A.-St.	—	—	—	
31	9.15	,,		28·88	0·0	SE	2–3	b.c.	4	Ci., Ci.-St.	Radiant point NE	—	—	9 h. Clear atmosphere; large amount of Ci. 13 h. Large streaks of Ci. and Ci.-St. across sky, moving slowly from E. Also Ci. radiating from SE. Breeze steady. Clear sky over mountains to W and on S and SE horizon. 19 h. 30 m. St. over Barrier to SE. Ci.-St. to W. Clear atmosphere.
,,	13.30	,,		28·88	1·4	ESE	4	b.c.	6	Ci., Ci.-St.	—	—	—	
,,	19.30	,,		28·89	2·0	E	2	b.e.	8	Ci.-St., St.	—	—	—	
April, 1911.														
1	7.20	Hut Point		28·90	3·0	E by N	4	o.c.	9	Ci.-St., A.-St.	—	—	−1·5	10 h. Breeze falling; sun visible at intervals. Noon. Breeze away from NE; atmosphere clear. 16 h. 50 m. Temperature at Sea Level 4·2; 17 h. 35 m. At top of Observation Hill (800 ft.), 2·8; 18 h. 20 m. At Sea Level + 6·0. 20 h. After sunset sky cleared, leaving finally a small quantity of St. moving slowly from NNW.
,,	13.30	,,		28·90	4·0	NE	2	b.e.	7	A.-St., St.	—	—	—	
,,	19	,,		28·90	6·1	NE	2	b.e.	3	St., Cu.-St.	—	St.-Cu., NNW	—	
2	9	,,		28·84	2·2	ENE	3	b.e.	5	St.	—	N	−5·0	During night, between the hours of midnight and about 3 h. 30 m., Aurora Australis appeared on southern arc of sky, first seen in an arc about 45° high, and later within about 10° of zenith, lying from, roughly, NNE to SSW, in all cases with a parallel faint ray to N. 9 h. Clouds moving moderately, atmosphere clear. 15 h. Ely. breeze, fresh. Sun shining to SE. Frost-smoke over open water patches.
,,	13.50	,,		28·94	−1·2	ENE	3	b.e.	6	Ci., St.-Cu.	—	NE	—	
,,	19	,,		28·96	−7·3	SE	5	b.e.	5	St.	—	E	—	
3	9	,,		28·96	−9·1	SE	4	o.m.	10	St.	—	—	−10·4	9 h. Slight haze over mountains to S and W.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*c*) March 23rd—April 10th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1911.				Inches.	°F.								°F.	
3	13.30	Hut Point		28·95	−8·8	SE	4	o.	10	St.	—	—	—	Noon. Dull and hazy; western mountains visible only at base.
,,	19	,,		28·90	−11·4	E by S	4	o.f.	10	St.	—	—	—	19 h. Snowy fog and thin mist; opposite side of Strait just visible.
4	9	,,		—	—	E by S	4–5	o.f.s.	10	St.	—	—	—	9 h. Hazy till 15 h. 30 m. Driving snow and drift from Eastward. Steady breeze and uniform snowfall.
,,	14	,,		—	−10·7	ESE	4–5	o.f.s.	10	St.	—	—	—	
,,	20	,,		28·73	−8·5	ESE	3	o.f.	10	St.	—	—	—	20 h. Dark sky to Northward. Thin fog. Breeze falling. Partial aurora seen during night.
5	9	,,		28·71	−12·8	E	2	b.c.	6	St.	—	—	−16·9	9h. Fine and clear. Noon: Atmosphere very clear. Iridescent clouds (Ci. above sun). Calm and very light variable airs.
,,	15.15	,,		28·76	−13·0	Calm	0	b.c.	2	Ci.-St.	—	—	—	15 h. Faint partial parhelion. Snow crystals falling.
,,	18.30	,,		28·79	−14·2	NE	1	b.c.	3	Ci.-St.	—	—	—	18 h. 30 m. During afternoon sky practically clear. Much mirage to W at sunset. Calm. During night Aurora Australis in long beams N and S through zenith.
6	3	,,		—	—	NNE	4	b.c.	—	—	—	—	—	
,,	7.10	,,		28·72	−2·1	NNE	3	b.c.	4	Ci., Ci.-St.	—	—	−18·0	10 h. Wind falling light. Noon: Parhelion, brilliant arcs on each side of sun.
,,	14	,,		28·67	−1·0	N	3–4	b.c.	6	St.	—	N	—	14 h. Slight drift over heights. Steady N breeze. Clouds moving moderately.
,,	20	,,		28·56	−0·5	N	3–4	b.	1	St.	—	—	—	20 h. Bank of St. lying low on S horizon. Sky clear. Breeze steady in force and direction.
7	9	,,		28·56	−1·0	NW	2	c.m.	8	Ci.-St., St.	—	S	−4·0	9 h. During night sky became overcast. Breeze fell to calm and light airs. After sunrise bank of drift to S obscuring Bluff and summits of Peaks. Noon: Light NW breeze on Heights. Slight parhelion visible for short time. Clouds almost stationary. 16 h. Sky became overcast. 19 h. Misty St. from S. Calm and variable light airs. 20 h. Slight snowfall. All land to S and SW obscured by snowy mist. Temperature 5·0. 21 h. Fresh and strong S breeze, with snow.
,,	14.20	,,		28·54	0·0	NW	1	b.c.	6	Ci.-St., St.	—	S	—	
,,	19	,,		28·56	9·8	N	1	o.m.	10	A.-St., St.	—	S	—	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*c*) March 23rd—April 10th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
											Direction from			
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Upper.	Lower.		
April, 1911.				Inches.	°F.								°F.	
8	8	Hut Point		—	4·0	S	5	o.s.f.	10	St.	—	—	—	During night breeze force 5 to 6 with snow and drift, accompanied by heavy snowy mist and fog. Forenoon: Breeze took off, but considerable drift continued. 15 h. Occasional temporary breaks in sky to S. Snow ceased, and breeze fell to force 3. Thick mist off shore. 19 h. Overcast and dull, with base of hills to S and W occasionally visible. Snow and drift at intervals.
,,	12	,,		28·90	0·0	S	4	o.s.f.	10	St.	—	—	—	
,,	19	,,		28·90	7·0	S	3–4	o.f.	10	St.	—	—	—	
9	7	,,		—	4·0	SSE	3	o.e.	10	Ci.-St., St.	—	—	1·5	During night aurora seen (white) in double ray at zenith, extending over half the sky (curtain form).
,,	10	,,		28·91	5·2	SE	2	e.b.	7	Ci., Ci.-St. A.-St.	S	—	—	10 h. Blue Sky visible to S and overhead. Mountains to S and W clear of St. General improvement.
,,	13.45	,,		28·90	2·7	SE	3	e.b.s.	6	Ci., Ci.-St., St.	—	—	—	Noon. Partial parhelion just visible. 13 h. 45 m. Sky clear to W and NW. Summits on Ross Island and islands to S covered with St. b. overhead. Considerable drift. 16 h. Wind increased to force 6, with heavy drift for two hours. b. visible overhead at all times. 21 h. Fine and Clear in immediate neighbourhood. Snow and St. obscuring mountains partially to SW and NW.
,,	16	,,		—	—	SE	5–6	e.b.s.	8	Ci.-St., St.	—	SSE	—	
,,	20.30	,,		28·86	2·8	SE	3	b.e.	7	Ci., Ci.-St., St.	—	—	—	
10	7.40	,,		28·86	2·1	ESE	1–2	o.f.s.	10	St.	—	—	−3·8	8 h. Steady falling fine snow, with light breeze, everything but nearest hills obscured.
,,	15	,,		28·81	5·8	ESE	3	o.f.s.	10	St.	—	—	—	15 h. 30 m. Light E breeze. Steady light snowfall and snowy fog all day. 19 h. 30 m. Sky cleared on NW horizon. 16 h. Snow ceased. Fine within radius of fifteen miles W to S.
,,	19.30	,,		28·75	5·1	E	1	e.m.	8	Ci.-St., St.	—	—	—	

(*d*) April 11th—May 12th, 1911.

April, 1911.														
11	21	Hut Point		28·61	4·5	Light airs	—	b.	—	—	—	—	—	Large and semi-circular parhelion seen under clouds, 15 h. 30 m. Light airs from NW. Beastly on ice and snow.
12	9	,,		28·61	− 2·0	SSE	6–7	s.	—	—	—	—	− 2·0	High wind and drifting snow.
,,	21	,,		29·02	0·5	SE	4	c.	—	—	—	—	—	Wind subsided during day; went up during gusts 9–10. Snow continued with wind up to about 19 h. 30 m.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*d*) April 11th—May 12th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1911.				Inches.	°F.								°F.	
13	9	Hut Point.		29·00	− 6·0	ESE	4	s.c.	—	—	—	—	−10·0	Heavy low drift and snow.
,,	21	,,		29·18	− 1·5	ESE	3	c.	8	Cu.	—	—	—	Lighter wind, p.m.. with heavy clouds. Wind for short portion of day ENE; clearer; no snow-drift.
14	9	,,		29·32	− 8·0	SE	2	c.	8	Cu., St.	SE	SE	−11·0	
,,	21	,,		29·39	−15·5	SE	5	c.	8	Cu., St.	—	—	—	p.m. Wind started freshening about 15 h. from SE, with fall of temperature, about 16 h. to −11·0 F. Lot of dark St. and Fr.-St. over open water.
15	10.30	,,		29·29	−16·5	SE	6	c.	8	Cu., St.	SE	—	−17·5	Wind strong, little drift.
,,	21	,,		29·34	−16·0	ESE	7–8	—	—	—	—	—	—	Wind and drift increased during day. with fall of temperature at 15 h. to −19·5° F. Wind shifted to ESE.
16	9	,,		29·50	−22·0	ESE	4	b.c.	4	St.	SE	—	−23·5	Little drift, with wind. Moon shining brightly. Sky clearing.
,,	21	,,		29·45	−23·0	SE	6–7	b.	—	—	—	—	—	Heavy gusty wind started freshening at 18 h. and heavy fine drift. Sky clear, wind freshening.
17	9	,,		29·28	−18·0	SE	1–2	c.	8	Cu., St.	—	—	−24·0	Sea frozen over off Point.
,,	21	,,		29·00	−14·0	SE	1–2	b.	—	—	—	—	—	Min. temp. for day −24·0° F. 17 h. Blew to force 6–7 with heavy drift at same time. Sea ice at Point went out, but returned at 14 h., to disappear when wind sprang up.
18	9	,,		28·99	−21·0	SE	1–2	b.c.	4	Cu., St.	—	—	−24·0	Sea frozen over at Hut Point.
,,	21	,,		28·99	−22·0	SE	3	b.	—	—	—	—	—	Ice off Hut Point gone, p.m. No drift. Wind increased to about force 5 at 16 h.
19	9	,,		28·99	−20·0	SE	1–2	b.	—	—	—	—	−22·0	Practically calm. Blue sky. Ice over sea at Hut Point.
,,	21	,,		29·00	− 8·0	SE	4	b.c.	—	—	—	—	—	Wind increased, p.m.
20	9.15	,,		29·15	−20·0	SE	5	—	—	—	—	—	—	Blizzard.
,,	21	,,		29·05	−22·0	E	5	—	2	St.	—	—	—	No drift.
21	10	,,		—	−10·2	SE	2–3	—	10	—	—	—	−22·0	Paraselena.
,,	21	,,		29·00	− 7·0	E	5	—	10	—	—	—	—	
22	9	,,		28·80	0·5	Calm	0	—	10	—	—	—	—	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*d*) April 11th—May 12th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1911.				Inches.	°F.								°F.	
22	21	Hut Point		28·78	− 3·0	ENE	6	—	2	St.	—	—	—	
23	11	,,		28·77	5·5	E	4	—	10	—	—	—	− 5·0	
,,	21	,,		28·85	8·5	ESE	1–2	—	10	—	—	—	—	
24	9	,,		—	− 2·0	NE	4	—	10	—	—	—	—	
,,	21	,,		29·07	− 4·0	NE	1	—	0	—	—	—	—	
25	9	,,		29·19	− 9·0	N	2–3	—	5	Ci.-St., St.	—	—	−11·0	Ice off Point.
,,	21	,,		29·24	− 9·0	NE	1–2	—	2	St.-Cu.	—	—	—	Wind force 5 at midday. Ice with leads, but still covering Sound.
26	10	,,		29·48	−10·0	SE	3	—	10	—	—	—	—	Ice out and Sound clear.
,,	21	,,		29·46	− 9·0	SE	3	—	10	—	—	—	—	
27	9	,,		29·38	−16·0	SE	4	—	10	—	—	—	—	
,,	21	,,		29·31	−12·0	Light airs	—	—	3	—	—	—	—	Ice round Point and general, with one open lead.
28	9	,,		29·26	−22·0	Calm	0	—	—	—	—	—	—	Ice as far as can be seen.
,,	20	,,		29·07	−11·0	N	2	—	2	—	—	—	—	Aurora to S and SW.
29	10	,,		29·07	− 4·0	Light N airs	—	—	10	—	—	—	—	Ice still in, but thin and cracked.
,,	21	,,		29·17	−13·0	SE	6	—	—	—	—	—	—	Blizzard. Stars showing through drift. Wind shifted to S at midday and little drift. Ice broken back to Point.
30	8	,,		29·19	0·5	NE	1	—	10	—	—	—	—	Freezing over.
,,	21	,,		29·16	5·5	SE	1	—	2	—	—	—	—	Wind light and very variable throughout day.
May, 1911.														
1	9	,,		29·10	− 0·5	Calm	0	—	—	—	—	—	—	A few stars, light and clear, no cloud recognised.
,,	21	,,		29·12	− 5·0	E	4	—	2	—	—	—	—	Ice still in. Aurora NE to SW, arch just south of zenith, streamers to S, SW and SE.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*d*) April 11th—May 12th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
May, 1911.				Inches.	°F.								°F.	
2	12	Hut Point		29·21	— 9·0	SE	4	—	2	Ci.	—	—	—	Aurora last night continuous. Ice still in.
,,	21	,,		29·27	—10·0	Calm	0	—	0	—	—	—	—	Aurora from E to S 4.
3	11	,,		29·25	—14·0	—	—	—	10	A.-St., St.	—	—	—30·0	
,,	21	,,		29·22	—11·0	SE	5	—	10	—	—	—	—	
4	9	,,		29·14	— 9·0	Calm	0	—	10	—	—	—	—	Ice still in, but large lead has opened which is now freezing.
,,	21	,,		29·00	— 2·0	N	2	—	0	—	—	—	—	
5	9	,,		28·96	— 9·0	N	0–1	—	0?	—	—	—	—	
,,	21	,,		29·06	—11·0	Calm	0	—	1	St.	—	—	—	
6	9	,,		—	— 5·0	N	0–1	—	2	St	—	—	—	Snow.
,,	21	,,		29·52	— 4·0	N	3	—	—	—	—	—	—	Snow lying. Horizon thick, clear above.
7	11	,,		29·51	— 7·0	W	1	—	8	A.-St., St.	—	—	—	
,,	21	,,		29·42	— 3·0	N	2	—	—	—	—	—	—	Very slight snow.
8	11	,,		29·44	—14·0	SSW	2	—	10	—	—	—	—	Slight aurora last night 2. S, SE, and NE.
,,	21	,,		29·40	— 9·0	N	1	—	3	—	—	—	—	
9	10	,,		29·42	— 6·0	Calm	0	—	10	—	—	—	—	
,,	21	,,		29·39	—14·0	ESE	5	—	9	—	—	—	—	
10	12	,,		29·40	—16·0	SE	5	—	10	—	—	—	—	Blizzard.
,,	21	,,		29·35	—14·0	E	3	—	2	—	—	—	—	
11	10	,,		—	—19·0	SE	5	—	—	—	—	—	—	Blizzard. Clear overhead.
,,	21	,,		29·27	—16·0	E	4	—	10	Ci.	—	—	—	
12	11	,,		—	—18·0	SE	5	—	—	—	—	—	—	Blizzard.
,,	21	,,		29·25	—19·0	SE	6	—	—	—	—	—	—	Blizzard. Returned to Cape Evans with ponies.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
September, 1911.				Inches.	°F.								°F.	
23	16	Hut Point		29·33	— 6·0	SE	3	Sunny	0	—	—	—	—	16 h. 30 m. Low drift.
,,	20	,,		29·25	— 6·0	SE	6	Sunny	1	—	—	—	—	Low drift.
24	8	,,		29·05	—21·0	SW	2	Sunny	0	—	—	—	—	Clear.
,,	12	,,		28·94	—16·5	N	4	Sunny	½	—	—	—	—	Thin clouds on horizon.
,,	16	,,		28·89	—14·0	N	4	o.	7	—	—	—	—	Slight drift.
,,	20	,,		28·76	—15·0	NE	1	o.	10	—	—	—	—	Thick fog ; telephone wire with 1 inch diameter crystals.
25	8	,,		28·72	— 6·0	NE	4	o.	10	—	—	—	—	Slight snowfall and drift.
,,	12	,,		28·70	— 3·0	N	3	o.	10	—	—	—	—	Slight snowfall.
,,	16	,,		28·68	— 4·0	N	4	o.	9	—	—	—	—	A little sunshine.
,,	20	,,		28·69	— 4·0	N	2	o.	10	—	—	—	—	
26	8	,,		28·71	3·5	SE	6	o.	5	—	—	—	—	Blizzard approaching.
,,	12	,,		28·66	3·0	SE	7	o.	10	—	—	—	—	Very thick drift.
,,	16	,,		28·66	— 2·0	SE	7–8	o.	10	—	—	—	—	Thick drift.
,,	20	,,		28·72	— 3·0	SE	7–8	o.	10	—	—	—	—	Thick drift.
27	8	,,		28·86	— 7·0	SE	6–7	o.	10	—	—	—	—	Thick drift.
,,	12	,,		28·84	— 8·0	SE	8	o.	10	—	—	—	—	Drift.
,,	16	,,		28·86	— 6·0	SE	6	o.	10	—	—	—	—	Drift.
,,	20	,,		28·91	— 8·5	SE	6	o.	10	—	—	—	—	Clearing to W.
28	8	,,		28·94	—14·0	SE	6	Sunny	1	—	—	—	—	Thin clouds along horizon.
,,	16	,,		28·92	—12·0	SE	6	Sunny	1	—	—	—	—	Thin clouds along horizon. Drift at times.
,,	20	,,		28·92	—13·0	SE	5	Sunny	½	—	—	—	—	Thin clouds along horizon.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
September, 1911.				Inches.	°F.								°F.	
29	8	Hut Point		28·80	−14·0	SE	4	Sunny	0	—	—	—	—	
,,	12	,,		28·72	− 8·0	SE	2	Sunny	0	—	—	—	—	12 h. 30 m. Wind from N., force 2.
,,	16	,,		28·70	−16·0	S	1	Sunny	0	—	—	—	—	Fine warm sun.
,,	20	,,		28·67	−26·0	N	2	Clear	1	—	—	—	—	Clouds on S. horizon.
30	8	,,		28·55	−12·5	S	1	o.	10	—	—	—	—	Blizzard over Bluff.
,,	12	,,		28·47	3·0	S	2	o.	9	—	—	—	—	Sunshine through clouds.
,,	16	,,		28·38	7·5	SE	4	o.	10	—	—	—	—	A slight snow falling.
,,	20	,,		28·23	10·5	SE	4	Slightly o.	3	—	—	—	—	
October, 1911.														
1	8	,,		28·07	− 6·0	N	4	Clear	2	—	—	—	—	Clouds on S. horizon.
,,	12	,,		28·07	− 3·0	N	1	Sunny	1	—	—	—	—	Clouds on S. horizon.
,,	16	,,		28·15	0·5	N	1	o.	9	—	—	—	—	Blizzard threatening in S.
,,	20	,,		28·25	5·5	N	1	o.	10	—	—	—	—	Blizzard threatening in S.
2	8	,,		28·70	9·5	SE	8	o.	10	—	—	—	—	Thick drift, nothing visible at 2 yards.
,,	12	,,		28·77	7·5	SE	7	o.	10	—	—	—	—	Thick drift, nothing visible at 10 yards.
,,	16	,,		28·85	3·5	SE	7	o.	10	—	—	—	—	Thick drift, nothing visible at 10 yards.
,,	20	,,		28·86	3·5	SE	6	o.	10	—	—	—	—	Drift less, and sky breaking in places to W.
3	8	,,		28·73	3·5	SE	6	o.	10	—	—	—	—	Drift. Cross visible at times.
,,	12	,,		28·70	4·5	SE	6	o.	10	—	—	—	—	Drift. Clouds breaking in zenith.
,,	16	,,		28·61	4·5	SE	4	o.	9½	—	—	—	—	Slight drift. Sunshine at times.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1911.				Inches.	F.								°F.	
3	20	Hut Point		28·57	3·5	SE	4	o.	10	—	—	—	—	Slight drift.
4	8	,,		28·54	— 4·0	N	3	Sunny	3	—	—	—	—	Thick along horizon.
,,	12	,,		28·50	— 6·0	Calm	0	Sunny	2	—	—	—	—	Fleecy clouds, and ring round sun.
,,	16	,,		28·48	2·5	Calm	0	Sunny	5	—	—	—	—	Strong mirage in West.
,,	20	,,		28·46	— 5·0	E	3	Sunny	5	—	—	—	—	
5	8	,,		28·52	— 3·0	NE	4	Sunny	6	—	—	—	—	A little low drift. Blizzard threatening.
,,	12	,,		28·41	— 5·0	NE	6	o.	10	—	—	—	—	Thick drift.
,,	16	,,		28·37	4·5	NE	7	o.	10	—	—	—	—	Very thick drift.
,,	20	,,		28·30	— 6·0	NE	6	o.	10	—	—	—	—	Thick drift.
6	8	,,		28·24	— 9·0	N	1	Sunny	5	—	—	—	—	
,,	12	,,		28·22	— 5·0	N	3	Sunny	4	—	—	—	—	Very slight drift.
,,	16	,,		28·26	— 3·0	SE	3	o.	9	—	—	—	—	Blizzard threatening in South.
,,	20	,,		28·25	9·5	SE	5	o.	10	—	—	—	—	Drift fairly thick.
7	8	,,		28·35	—14·0	SE	5	o.	8	—	—	—	—	Drift.
,,	12	,,		28·30	—14·0	SE	5	Sunny	1	—	—	—	—	Low drift.
,,	16	,,		28·35	—17·0	SE	6	Sunny	2	—	—	—	—	Low drift.
,,	20	,,		28·40	—20·0	SE	4	Sunny	2	—	—	—	—	Low drift.
8	8	,,		28·61	—17·0	SE	4	Sunny	1	—	—	—	—	Very slight drift.
,,	12	,,		28·57	—11·0	SE	3	o.	7	—	—	—	—	Slight drift.
,,	16	,,		28·54	—16·0	SE	1	Slightly o.	4	—	—	—	—	Thin white clouds over sun.
,,	20	,,		28·50	—23·0	Calm	0	o.	6	—	—	—	—	Thick in South.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1911.				Inches.	°F.								°F.	
9	8	Hut Point.		28·48	−16·0	SE	5	o.	10	—	—	—	—	Slight drift.
,,	12	,,		28·46	− 9·0	SE	5	o.	10	—	—	—	—	Little low drift.
,,	16	,,		28·66	− 7·0	SE	5	o.	10	—	—	—	—	Snow and drift.
,,	20	,,		28·60	−12·0	SE	5	o.	10	—	—	—	—	Drift.
10	8	,,		28·82	−28·0	ESE	7	Clear	9	—	—	—	—	Drift.
,,	12	,,		28·82	−15·0	E by N	5	Clear	9	—	—	—	—	Drift.
,,	16	,,		28·81	−10·0	ESE	5	o.	10	—	—	—	—	
,,	20	,,		28·81	−10·0	ESE	5	o.	10	—	—	—	—	
11	8	,,		28·82	−17·0	NW	2	Clear	8	—	—	—	—	
,,	20	,,		28·87	−14·0	ESE	5	o.	10	—	—	—	—	Drift.
12	8	,,		28·83	−10·0	NW	2	o.	10	—	—	—	—	Snow.
,,	12	,,		28·77	− 8·0	NW	3	o.	10	—	—	—	—	Light drift at times.
,,	16	,,		28·78	− 7·0	SW	3	o.	10	—	—	—	—	Blizzard threatening from S.
,,	20	,,		28·77	− 0·5	S	3	o.	10	—	—	—	—	Wind veering from N to S; a few flakes of snow.
13	8	,,		29·50	− 3·0	SE	6	Sunny	4	—	—	—	—	Blizzard during night. Still thick to S.
15	8	,,		29·21	− 6·0	NE	7	Sunny	6	—	—	—	—	Low drift (On Barrier −29·0° F., wind NE, force 5, low drift).
,,	12	,,		29·07	− 4·0	E	7	Sunny	3	—	—	—	—	Low drift.
,,	16	,,		29·05	− 0·5	E	8	Sunny	3	—	—	—	—	Drift.
,,	20	,,		28·95	− 6·0	E	7	Sunny	8	—	—	—	—	Low drift.
16	8	,,		28·87	21·0	SE	8–9	o.	9½	—	—	—	—	Thick low drift. Top of Mt. Discovery visible.
,,	12	,,		28·76	−17·0	SE	8	o.	10	—	—	—	—	Drift.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1911.				Inches.	°F.								F	
16	16	Hut Point		28·67	−18·0	SE	7	o.	10	—	—	—	—	Drift.
,,	20	,,		28·57	−16·0	E	4	o.	10	—	—	—	—	Snow falling and slight drift.
17	8	,,		28·54	−21·0	Calm	0	Sunny	1	—	—	—	—	Clouds on south horizon.
,,	12	,,		28·52	−10·0	N	4	o.	9	—	—	—	—	Very slight drift.
,,	16	,,		28·56	− 7·0	N	4	o.	10	—	—	—	—	Fog; sun faintly visible.
,,	20	,,		28·60	− 7·0	N	3	Sunny	3	—	—	—	—	Heavy clouds in S.
18	8	,,		28·76	5·5	SE	4	o.	10	—	—	—	—	Snow falling, and very thick all round.
,,	12	,,		28·75	5·5	SE	5	o.	10	—	—	—	—	Drift.
,,	16	,,		28·76	7·5	SE	6	o.	10	—	—	—	—	Drift.
,,	20	,,		28·76	6·5	SE	6	o.	9½	—	—	—	—	Drift; clouds breaking in SW.
19	8	,,		28·84	−0·5	SE	6	Sunny	7	—	—	—	—	A little drift; sun just visible.
,,	12	,,		28·71	−0·5	SE	7	Sunny	6	—	—	—	—	A little drift, and thick all round.
21	16	,,		28·70	3·5	E	2	Sunny	3	—	—	—	—	Thin stratus clouds along horizon.
,,	20	,,		28·51	−0·5	SE	1	Sunny	2	—	—	—	—	Thin stratus clouds along horizon.
22	8	,,		28·43	−5·0	SE	1	Sunny	2	—	—	—	—	
24	12	,,		28·35	−0·5	SW	1	Sunny	4	—	—	—	—	Light fleecy clouds.
,,	16	,,		28·39	−3·0	SE	4	o.	9	—	—	—	—	Thick in S.
,,	20	,,		28·45	−2·0	N	1	Sunny	9	—	—	—	—	Thick in S.
25	8	,,		28·82	−3·0	SE	5	Sunny	1	—	—	—	—	Slight drift at times.
,,	12	,,		28·80	−0·5	SE	3	Sunny	2	—	—	—	—	Light fleecy clouds.
,,	16	,,		28·75	3·5	SE	2	Sunny	2	—	—	—	—	Heavy bank of clouds to NW.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1911.				Inches.	°F.								°F.	
25	20	Hut Point		28·67	1·5	NE	2	o.	9	—	—	—	—	Very thick in S.
26	8	,,		28·61	−5·0	N	1	Sunny	6	—	—	—	—	Fine weather.
,,	16	,,		28·67	2·5	SE	2	o.	9	—	—	—	—	Blizzard threatening in S.
,,	20	,,		28·75	−5·0	SE	5	o.	8	—	—	—	—	Drift.
27	8	,,		28·95	−3·0	SE	4	Sunny	3	—	—	—	—	Drift during night.
,,	12	,,		28·94	4·5	SE	4	Sunny	7	—	—	—	—	Thick in S.
,,	16	,,		28·94	2·5	SE	3	Sunny	3	—	—	—	—	Light fleecy clouds.
,,	20	,,		28·88	2·5	SE	2	Sunny	1	—	—	—	—	Light fleecy clouds.
28	8	,,		28·75	1·5	SE	2	o.	10	—	—	—	—	Thick all round ; drift at times.
,,	16	,,		28·66	2·5	SE	4	Sunny	5	—	—	—	—	Light fleecy clouds.
,,	20	,,		28·60	4·5	N	3	o.	10	—	—	—	—	Threatening in S.
29	8	,,		28·53	−4·0	N	3	Sunny	1	—	—	—	—	Low clouds on horizon.
31	20	,,		28·90	4·5	SE	5	Sunny	4	—	—	—	—	Low drift.
November, 1911.														
1	8	,,		28·95	4·5	SW	3	Sunny	1	—	—	—	—	Bank of clouds to S.
,,	12	,,		29·00	6·5	SW	5	Sunny	4	—	—	—	—	Thin fleecy clouds.
,,	20	,,		29·27	5·5	SW	6	o.	10	—	—	—	—	Drift.
2	8	,,		29·53	10·5	SE	4	o.	10	—	—	—	—	Sun shining through breaks.
,,	12	,,		29·47	10·5	SE	4	Sunny	6	—	—	—	—	Light clouds.
,,	16	,,		29·43	12·5	SE	4	Sunny	5	—	—	—	—	Light clouds.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*e*) September 23rd—November 4th, 1911.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.				Inches	°F.								°F.	
3	12	Hut Point		29·40	20·5	SE	3	o.	9	—	—	—	—	Light clouds.
,,	16	,,		29·37	23·5	SE	2	Sunny	7	—	—	—	—	Thin fleecy clouds.
,,	20	,,		29·26	20·5	E	3	Sunny	3	—	—	—	—	Thin fleecy clouds.
4	8	,,		29·37	14·5	SE	4	Sunny	9	—	—	—	—	Sun breaking through clouds. Parhelion.
,,	12	,,		29·41	11·5	SE	7	o.	9	—	—	—	—	Low drift.
,,	16	,,		29·50	14·5	SE	6	o.	9	—	—	—	—	Sun shining through clouds. Parhelion.
,,	20	,,		29·54	14·5	SE	5	o.	9	—	—	—	—	Sun shining through clouds.

(*f*) March 16th—March 27th, 1912.

March, 1912.														
16	19.30	Hut Point		29·65	−13·5	SE	2–3	b.	0	—	—	—	—	Clear on Barrier this morning. Drift round Cape Armitage.
17	11.15	,,		29·57	−14·0	ESE	3–4	o.c.	9	Ci.-St.	—	—	−17·5	Open water to Arrival Bay. Drift.
,,	19.15	,,		29·35	−14·0	ESE	2	o.c.	10	Ci.-St.	—	—	—	Mild blizzard during day, wind up to force 6. In afternoon and now thick over Barrier.
18	11	,,		29·13	−12·5	NE	3	o.c.	9	Ci.-St.	—	—	−19·0	This morning considerable drift from ESE. Now White Island clear: Bluff obscured.
,,	15.45	,,		29·00	−7·5	NE	2	o.c.s.	10	Ci.-St.	—	—	—	
,,	20.30	,,		28·82	−14·5	E	4–5	o.c.	10	Ci.-St.	—	—	—	Observation Hill visible, but moderate blizzard blowing.
19	9.30	,,		28·57	−8·5	Calm	0	o.c.	9	Ci.-St.	—	—	−16·5	
,,	14	,,		28·60	−7·5	ESE	4	o.c.s.	7	Ci.-St.	—	—	—	Low drift. All Barrier obscured.
,,	19.15	,,		28·64	−2·5	ESE	7	o.c.s.	10	Ci.-St.	—	—	—	Blizzard started 16 h. 30 m.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*f*) March 16th—March 27th, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1912.				Inches	°F.								°F.	
20	10.30	Hut Point		—	−4·5	SE	8	o.c.s.	10	Ci.-St.	—	—	−13·5	Wind up to force 9 during night; big snowfall and drift.
,,	15	,,		29·15	0·5	S	9	o.c.s.	10	Ci.-St.	—	—	—	Wind gusty, rising to force 9, with heavy snow and drift.
,,	20	,,		—	−7·5	S	9	o.c.s.	10	Ci.-St.	—	—	—	Strong, steady blizzard.
21	10	,,		29·06	−10·5	ESE	7	o.c.s.	10	Ci.-St.	—	—	−10·5	Sun just visible. Drift.
,,	20	,,		—	−6·5	ESE	5	b.c.	5	Ci.-St.	—	—	—	Clearing, with west land visible, but thick at intervals. Drift.
22	10.30	,,		28·96	−4·5	Light SW airs	—	b.	0	—	—	—	−12·5	
,,	18	,,		28·91	−2·5	Calm	0	b.c.	5	Ci.-St.	—	—	—	
23	9.15	,,		28·70	9·5	NNW	4–5	b.	0	—	—	—	—	The clouds which had gathered in W and S last night have disappeared.
,,	19.30	,,		28·75	9·0	Light S airs	—	b.c.	3	Ci.-St.	—	—	—	Midday, 23rd, wind on Heights, NNE force 7. Drift.
24	9	,,		28·85	13·5	N	4	o.c.s.	10	Ci.-St.	—	—	0·5	Heavy snowfall and low drift. Observation hill obscured.
,,	15	,,		28·90	16·5	NNW	2	o.c.s.	10	Ci.-St.	—	—	—	
,,	19	,,		28·96	17·5	SSE	5	o.c.s.	10	Ci.-St.	—	—	—	The wind went round to SW during afternoon and then to SSE. Drift.
25	9.30	,,		29·17	8·5	SE	4	b.c.	4	Ci.-St.	—	—	8·5	Low drift, some high drift to S. Land clear.
,,	13.30	,,		29·15	13·5	SE	4	b.c.	5	Ci.-St.	—	—	—	Drift.
,,	19.15	,,		29·15	3·5	SE	6	b.c.	6	Ci.-St.	—	—	—	Strong wind but little drift here. High drift down Strait. Bluff obscured.
26	10.30	,,		29·20	4·5	SSE	4–5	o.c.	10	Ci.-St.	—	—	0·5	Moderate blizzard.
,,	13	,,		29·20	4·5	SSE	8	o.c.s.	10	Ci.-St.	—	—	—	Strong blizzard.
,,	18	,,		29·11	3·5	S	9	o.c.s.	10	Ci.-St.	—	—	—	Blizzard gusty this afternoon and sun was visible at one time. Now very thick.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1912.				Inches.	°F.								F.	
27	10.30	Hut Point		29·50	8·0	SSE	4	o.c.	10	Ci.-St.	—	—	4·0	
,,	19	,,		—	4·5	E	4	o.c.	10	—	—	—	—	Land clear.
28	10	,,		—	7·0	Variable Airs	Light	o.c.	7	—	—	—	—	
,,	14.30	,,		—	11·0	E	5	b.c.	3	—	—	—	—	Clouding up over Bluff and Mt. Discovery.
,,	19.30	,,		—	6·5	E	1	o.c.	9	—	—	—	—	Land mostly clear.
29	8.30	,,		—	6·0	ESE	1–2	o.c.	6	—	—	—	—	Land mostly clear.
,,	14.30	,,		—	13·5	Calm	0	o.c.	9	—	—	—	—	Land mostly clear.
,,	19.0	,,		—	12·5	Calm	0	o.c.	10	—	—	—	—	Land mostly clear.
30	9.30	,,		—	5·5	E	4	o.c.s.	10	—	—	—	—	Bluff obscured. A little snow falling. Drift.
,,	14·30	,,		—	3·0	ESE	7	o.c.s.	10	—	—	—	—	Little snow falling and slight ground drift.
,,	19	,,		—	— 2·0	ESE	6	o.c.	10	—	—	—	—	Moderate blizzard blowing.
31	10	,,		29·35	— 7·5	ESE	7	o.c.	10	—	—	—	—	Moderate blizzard blowing.
,,	14.30	,,		29·22	— 7·5	ESE	6	o.c.s.	10	—	—	—	—	Snowing and drifting slightly. Near land is clear.
,,	19·45	,,		29·37	— 9·5	ESE	5	o.c.s.	10	—	—	—	—	Land to W beginning to clear. Small snowfall. Drift.
April, 1912.														
1	9.45	,,		29·44	—15·0	ESE	5	o.c.	10	—	—	—	—	Clearing to E. Low drift.
,,	20.30	,,		29·20	—11·0	SE	4	o.c.s.	10	—	—	—	—	Drift.
2	12.10	,,		29·20	—11·5	E	5	o.c.s.	10	—	—	—	—	Wind very gusty. Drift.
,,	20.30	,,		29·09	—14·0	E	4	o.c.s.	10	—	—	—	—	Wind in the afternoon rose to force 8–9. Moon showing through over Crater Hill. Drift.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1912.				Inches.	°F.								°F.	
3	10.30	Hut Point		29·03	− 8·0	E	2	b.c.	5	—	—	—	−15·0	Land clear, Sound freezing over.
,,	13.15	,,		28·98	−15·0	SE	1	b.c.	7	—	—	—	—	Bluff obscured.
,,	19.30	,,		29·00	−17·0	S	1	b.c.	3	—	—	—	—	Overcast to S and SW, otherwise mostly clear. Sound freezing well.
4	10.45	,,		29·11	− 8·0	Light N Airs	—	o.c.s.	8	—	—	—	−17·0	Considerable mirage to S and SW. Snowing slightly. Sound well frozen, with open leads.
,,	15	,,		29·10	−10·0	Light S Airs	—	b.	0	—	—	—	—	
,,	19·15	,,		29·13	−33·0	SE	1	b.	0	—	—	—	—	Wonderful mirage all the afternoon.
5	10	,,		29·35	− 7·0	NW	4	b.	0	—	—	—	−34·0	There has been a strong N wind during the night. Ice undisturbed.
,,	16·30	,,		29·30	− 9·0	Calm	0	b.	1	—	—	—	—	
,,	20	,,		29·35	−15·0	Calm	0	b.	0	—	—	—	—	
6	9	,,		29·46	−16·0	NW	8	b.c.	5	—	—	—	−22·5	
,,	13	,,		29·37	−19·5	ESE	9	b.c.	3	—	—	—	—	Heavy drift down the Strait: drifting here at times.
,,	17.30	,,		29·31	−12·0	S	1–2	b.	0	—	—	—	—	Ice gone out between Castle Rock and Inaccessible Island; it has held in all along the land here, and perhaps more, and over a considerable part of the Sound.
,,	20	,,		29·24	−20·0	SE	4	b.c.	2	—	—	—	27·0	
7	9.15	,,		29·40	−27·0	E	7	o.c.	7	—	—	—	—	
,,	13.30	,,		29·40	−18·0	E	6	o.c.	7	—	—	—	—	Drift.
,,	20	,,		29·30	−23·5	S	1–2	o.c.	10	—	—	—	—	Temperature rising. Hazy to S.
8	10	,,		29·05	− 0·5	S	8–9	o.c.	7	—	—	—	−27·0	Blizzard. Blue sky in places.
,,	13	,,		29·07	4·5	SSE	8	o.c.	9	—	—	—	—	Blizzard. Blue sky in places.
,,	19.30	,,		29·07	5·5	SSE	7–8	o.c.	7	—	—	—	—	Blizzard. Blue sky in places.
9	9.30	,,		29·33	2·0	SSE	7	o.c.	7	—	—	—	0·5	High wind. No drift here, but drifting down Strait.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1912.				Inches.	°F.								°F.	
9	13.30	Hut Point		29·41	4·0	SE	4	o.c.	7	—	—	—	—	No drift here; high drift down Strait. Ice has held in in Bays from here to Cape Evans, being inside Turtle Back Island, Glacier Tongue, Tent Island, and Inaccessible Island.
,,	16	,,		29·33	4·5	SSE	7	o.c.s.	10	—	—	—	—	Drift.
,,	19.30	,,		29·24	9·5	SSE	3	o.c.	9	—	—	—	—	
10	8.30	,,		29·21	5·5	SE	2–3	b.c.	4	—	—	—	− 2·5	
,,	16	,,		29·14	− 2·0	SE	3	b.	0	—	—	—	—	
,,	20.15	,,		29·09	0·5	SE	5	b.	0	—	—	—	—	
11	11.30	,,		29·35	−10·0	SE	3	b.c.	5	—	—	—	−14·0	Clouding up overhead to N. Bluff clear.
,,	16	,,		29·31	−15·0	ESE	8	b.c.	7	—	—	—	—	Clouding up overhead and over Western Mountains. Bluff clear. Drift.
,,	20	,,		29·31	−11·5	ESE	8	o.c.	9	—	—	—	—	Heavy snowfall during the night.
12	11.45	,,		29·32	− 7·0	Calm	0	o.c.s.	9	—	—	—	−15·0	Thickly overcast; only lower slopes of Western Mountains visible.
,,	16	,,		29·26	− 5·5	E	1	o.c.	8	—	—	—	—	Western Mountains, Bluff, and White Island visible Thick and snowy.
,,	19.45	,,		29·25	− 4·0	E	1–2	o.c.s.	9	—	—	—	—	
13	11.20	,,		29·39	−18·0	ESE	7	o.c.	10	—	—	—	—	Blizzard started during night. Clearing to SE now. Drift.
,,	15.30	,,		29·32	−18·0	ESE	3–4	o.c.	9	—	—	—	—	Foot-hills of Western Mountains visible.
,,	19	,,		29·30	−21·0	ESE	2–3	o.c.	5	—	—	—	—	
14	8	,,		29·40	−29·0	Calm	0	b.	2	—	—	—	−36·0	
,,	11.45	,,		29·37	−33·0	Calm	0	b.	0	—	—	—	—	
,,	16	,,		29·22	−31·0	Calm	0	b.c	3	—	—	—	—	Heavy clouds to N.
,,	20	,,		29·15	−30·0	Calm	0	b.c.	2	—	—	—	—	Temperature at 17 h. 30 m. −34·0.
15	10	,,		28·99	−16·0	N	4	b.c.	3	—	—	—	−34·0	

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1912.				Inches.	F.								F.	
15	16	Hut Point		28·89	−12·0	N	4	o.c.	6	—	—	—	—	Bluff obscured: White Island just visible. All overcast to S.
,,	20	,,		28·80	−10·0	NW	3	b.c.	4	—	—	—	—	Heavy bank of clouds to W and S.
16	10	,,		28·86	−12·0	N	3	b.c.	5	—	—	—	−23·5	Overcast to S and W. Clear to N.
,,	13.15	,,		28·85	−13·5	NE	1	o.c.	9	—	—	—	—	Generally overcast.
,,	16.15	,,		28·83	−18·0	SE	1	o.c.	6	—	—	—	—	Cloudy to N. During 14th, 15th and 16th the remainder of the Sound has frozen well.
,,	19.30	,,		28·80	−16·5	SE	3	o.c.	7	—	—	—	—	Aurora about 21 h.
17	8	,,		28·89	−18·0	Light airs	—	o.c.	9	—	—	—	−22·0	
,,	12	,,		28·85	−21·0	S	3–4	o.c.	6	—	—	—	—	Western Mountains clearing. Much mirage. Iridescent clouds over Erebus, and iridescent colours on Erebus smoke.
,,	15.30	,,		28·72	−18·0	Calm	0	b.c.	2	—	—	—	—	Generally clearing.
,,	19.30	,,		28·76	−19·0	Light S. airs	—	b.c.	3	—	—	—	—	Overcast to S and SW, otherwise clear.
18	8.15	,,		28·90	−17·5	Light S. airs	—	b.c.	4	—	—	—	—	
,,	12.15	,,		28·91	−19·5	Calm.	0	b.c.	5	—	—	—	—	
,,	15.15	,,		28·86	−25·0	S.E.	1	b.c.	5	—	—	—	—	All day it has been fairly cold and still, with cloud to S. The Western Mountains cleared, but are now overcast again.
,,	18.45	,,		28·91	−20·0	SE	1	b.c.	5	—	—	—	—	
19	10.30	,,		29·07	−16·0	S	9	o.s.	10	—	—	—	−26·0	Blizzard began soon after midnight. Very thick now.
,,	13.30	,,		29·00	−15·0	SSE	6	o.s.	10	—	—	—	—	Thick blizzard.
,,	16	,,		29·00	− 3·0	SSE	8–9	o.s.	10	—	—	—	—	Thick blizzard.
20	10	,,		28·68	5·5	SSE	3	o	10	—	—	—	—	Blizzard took off early in night, but in the evening it was blowing and very thick.
,,	16.30	,,		28·57	− 4·0	E	4	o†	10	—	—	—	—	Ice in Sound from end of Castle Rock blown away.
,,	19	,,		28·52	− 0·5	E	4	o	10	—	—	—	—	During morning seemed to be blizzing at Cape Evans, and it was thick to E.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature	Remarks
											Direction from			
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12)		Amount (0–10).	Kind.	Upper.	Lower.		
April, 1912.				Inches	°F.								°F.	
21	9	Hut Point		28·75	− 3·0	E	1	b.c.	5	—	—	—	−4·0	
,,	12.30	,,		28·76	− 4·0	E	1–2	b.c.	5	—	—	—	—	
,,	17	,,		—	4·5	E	1–2	o.s.	10	—	—	—	—	About midday heavy clouds from N spread over the sky and it began to snow.
,,	19.45	,,		28·72	− 2·5	E	3	o.s.	10	—	—	—	—	
22	6	,,		28·83	−13·5	E	5–6	o.s.	10	—	—	—	−13·5	No drift, but all but immediate land obscured.
,,	12.45	,,		28·80	−13·0	E	5–6	o.	10	—	—	—	—	Generally thick.
,,	15.15	,,		28·80	−15·0	E	5	o.s.	10	—	—	—	—	Thin drifting snowfall.
,,	20	,,		28·81	−15·0	E	5	o.	9	—	—	—	—	Clearing over Bluff and Mt Discovery.
23	10	,,		29·04	−20·0	E	6	o.c.	8	—	—	—	−20·0	White Island and lower slopes of Western Mountains visible. Low drift.
,,	12.30	,,		—	−18·5	E	5	o.c.	8	—	—	—	—	
,,	16	,,		29·10	−16·5	E	2–3	o.c.	8	—	—	—	—	Bluff clear.
,,	22	,,		29·16	−12·0	E	1	o.c.s.	6	—	—	—	—	
24	10	,,		29·18	−19·0	E	4	o.c.	9	—	—	—	−22·0	Thick here and drifting down the Strait.
,,	16.30	,,		29·10	−18·0	SE	3	b.c.	6	—	—	—	—	
,,	20.15	,,		29·15	−21·0	E	3	b.c.	4	—	—	—	—	
25	9.20	,,		29·26	−21·5	Light S. airs	—	o.	10	—	—	—	−32·0	Generally overcast. Sound frozen over.
,,	12.45	,,		29·15	−19·0	Calm	0	b.c.	3	—	—	—	—	At 14h. 30 m. the temperature was −32·0, a very sudden drop, then a sudden rise.
,,	16	,,		29·13	−16·5	SE	1	o.c.	7	—	—	—	—	Clouding up overhead to S, where it is thick.
,,	20	,,		29·12	−23·0	E	1	b.c.	3	—	—	—	—	Aurora curtain about 2h., S to E.
26	12	,,		29·11	−15·0	NNW	5	b.	0	—	—	—	−35·0	
,,	17	,,		29·10	−14·0	NNW	5–6	b.	0	—	—	—	—	Strong N wind all day.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*g*) March 27th—May 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12)		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
April, 1912.				Inches.	°F.								°F.	
26	20	Hut Point		29·16	−14·5	NNW	3–4	b.c.	2	—	—	—		
27	9.15	,,		29·50	−19·5	ESE	6	o.c.	6	—	—	—	−25·0	Drift.
,,	12.40	,,		29·51	−24·5	SE	7–8	b.c.	5	—	—	—	—	Moderate drift during morning, which has now stopped.
,,	16.15	,,		29·51	−26·0	ESE	7–8	b.c.	4	—	—	—	—	Drifting at times.
,,	19.45	,,		29·60	−24·0	ESE	7	b.	0	—	—	—	—	
28	8	,,		29·68	−21·0	SE	4	o.c.	9	—	—	—	−27·0	Generally overcast. The ice in the Sound has remained in.
,,	13.45	,,		29·57	−23·0	SE	6	o.s.	10	—	—	—	—	Mild blizzard started about 11h. 30 m. Drift.
,,	20.15	,,		29·65	−21·0	SE	6–7	o.s.	10	—	—	—	—	Wind more gusty. Considerable snowfall during night. Drift.
29	12	,,		29·55	−21·0	SE	6	o.s.	10	—	—	—	−24·0	Drift.
,,	17	,,		29·52	−23·0	SE	8	o s.	10	—	—	—	—	Blizzard much stronger during afternoon. Very thick. Drift.
,,	20.30	,,		29·46	−25·0	SE	6	o.s.	10	—	—	—	—	Less drift; the moon is visible.
30	9.30	,,		29·36	−31·0	E	8	o.s.	10	—	—	—	−32·0	A strong wind all night, which still continues, with a low temperature. Drift.
,,	12.45	,,		29·35	−27·0	ENE	7	o.c.	7	—	—	—	—	Clearing to S and E. White and Black Islands visible. Drift.
,,	15.30	,,		29·29	−25·0	NE	5	o.c.	5	—	—	—	—	Drift has stopped.
,,	19.15	,,		29·25	−20·0	N	2	b.	0	—	—	—	—	End of blizzard. Bright and clear night.
May, 1912.														
1	8	,,		29·39	−22·5	Calm	0	o.	10	—	—	—	−28·5	On this date the last party crossed to Cape Evans.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*h*) September 26th—November 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
September, 1912.				Inches.	°F.								°F.	
26	13.40	Hut Point		29·06	−12·0	Light airs	—	b. clear	1	Low St.	—	—	—	Only St. over Black Island.
October, 1912.														
3	13.30	,,		28·89	−14·0	ESE	7–8	b. clear	1	Low St.	—	—	—	Drift in parts.
12	14.30	,,		29·14	2·0	E	2	o.	10	Ci-St.	—	—	—	Very thick coming down—is now clearing.
,,	20.45	,,		29·15	− 5·7	Calm	0	b.	3	St.	—	—	—	Clear except to S. where there is a bank of black cloud.
,,	21.30	,,		—	−12·5	—	—	—	—	—	—	—	—	The temperature dropped rapidly as the sun dipped, but is now rising with a N wind.
13	9.30	,,		29·10	−14·0	Calm	0	o.c.	8	Ci.-St.	—	—	−20·5	Clear over Bluff; Sound mostly overcast.
,,	14.30	,,		29·05	0·7	Calm	0	b.c.	8	Ci.-St.	—	—	—	Ci.-St. general with thick St. beyond Cape Evans. Halos common during the day.
,,	21.5	,,		28·99	− 3·5	Light SE airs	—	b.c.	3	Ci.-St.	—	—	—	At 18 h. 30 m. surface drift here and on Barrier and Glacier Tongue.
14	8·5	,,		28·89	− 9·5	ESE	6	b.c.	8	Ci.-St.	—	—	−19·0	High wind during the night.
,,	22.30	,,		28·74	− 9·7	SE	1	o.c.	10	Ci.-St.	—	—	—	Wind and surface drift during the day. Halos common during the day.
15	9.35	,,		28·76	− 9·0	ESE	3	o.	10	St.	—	—	−18·0	
,,	16.15	,,		28·74	− 1·0	ESE	2	b.c.	5	Ci.-St.	—	—	—	Halo in the morning. Drifting heavy surface drift on Barrier. Wind force 6 here.
,,	21	,,		28·76	− 3·0	ESE	3	b.c.	4	Ci.-St., St.	—	—	—	Bank of cloud to S and SE. The cloud rises to take the form of the Bluff.
16	8.30	,,		28·71	− 2·5	Light E airs	—	b.c.	7	St.	—	—	− 9·0	St. from southern horizon to zenith, clear over Western Mountains.
,,	13.35	,,		28·68	11·5	ESE	3	o.	10	St.	—	—	—	Very thick to S. White Island invisible; has been appearance of high drift there.
,,	16.15	,,		28·69	14·0	S	8	o.s.	10	St.	—	—	—	Blizzard started 14 h., thick drift. Barometer immediately steadied and is now rising.
,,	19.30	,,		28·72	14·5	S	8	o.s.	10	St.	—	—	—	Thick blizzard.
17	12.10	,,		28·92	15·2	SSE	6	o.s	10	St.	—	—	13·5	Thick blizzard.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*h*) September 26th—November 1st, 1912

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12)		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1912.				Inches.	°F.								°F.	
17	19.40	Hut Point		28·94	16·0	SSE	6	o.s.	10	St.	—	—	—	Thick blizzard all day.
18	9.50	,,		28·90	12·7	SE	4	o.s.	10	St.	—	—	10·0	Still thick and snowing, but not drifting. Bluff visible.
,,	13.30	,,		28·90	12·0	ESE	6–7	o.	10	St.	—	—	—	Very thick at times in morning; now White Island is just visible. Drift.
,,	16	,,		28·95	13·7	SE	4	o.c.s.	10	St.	—	—	—	Clearing. Drift.
,,	20.50	,,		28·91	5·2	ESE	4	o.c.	10	St.	—	—	—	Western Mountains visible. Thick to SE and generally threatening sky still. Drift.
19	9.20	,,		28·92	7·2	NW	1	b.c.	4	Ci.-St.	—	—	0·0	
,,	13.15	,,		28·94	13·5	Light N airs	—	b.c.	6	St., Ci.-St.	—	—	—	Clouding up towards E and SE. Strongish S wind on Crater Hill.
,,	21	,,		28·92	7·0	N	1	b.c.	3	St.	—	—	—	St. to S. Bluff clear.
20	10.10	,,		28·94	17·7	N	1	b.c.	2	Ci.-St.	—	—	—	
,,	14.40	,,		28·95	12·2	Calm	0	b.c.	3	C.-St.-	—	—	—	Beautifully clear and warm.
,,	19.40	,,		29·01	13·2	ENE	2	b.c.	4	Ci.-St.	—	—	—	First summer day.
21	7.20	,,		29·00	7·0	ENE	4	b.c.	8	Ci.-St.	—	—	— 2·0	Strong wind and some drift during the night.
,,	12.35	,,		29·08	6·0	E	5	o.c.	10	Ci.-St.	—	—	—	Clear over Corner Camp, Terror, and Erebus. Summits of Western Mountains in thick cloud. Slight surface drift.
,,	15.45	,,		29·05	6·5	E	3	o.c.	10	Ci.-St.	—	—	—	Slight surface drift.
,,	19.45	,,		29·05	5·0	E	3	o.c.	10	Ci.-St.	—	—	—	Drift.
22	8.15	,,		28·90	0·0	E	4	o.	10	Ci.-St.	—	—	0·0	
24	15	,,		28·89	2·0	Light S. airs	—	b.	3	St.	—	—	— 1·0 Since Oct. 22	Heavy bank of cloud or fog over Bluff.
,,	16.50	,,		28·92	8·0	ESE	2	o.	10	St.	—	—	—	Suddenly became overcast in less than an hour.
,,	20.20	,,		28·93	12·5	SE	3–4	o.u.	8	St.	—	—	—	Very black over Bluff (obscured) and White Island visible. Clear to E and N. Puffs of surface drift.
25	9.35	,,		28·94	2·0	SE	3	b.c.	3	A.-St.	—	—	—12·0	Cleared by 2 h.
,,	20	,,		28·91	—5·0	SE	5	—	8	A.-St.	—	—	—	Cloud, mostly A.-St., from S to N; some Ci.-St. over west land.

TABLE 66.—REGISTER OF OBSERVATIONS AT OR NEAR HUT POINT.

(*h*) September 26th—November 1st, 1912.

Time.		Position.		Barometer (Aneroid) Uncorrected.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12)		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
October, 1912.				Inches.	°F.								°F.	
26	7.30	Hut Point.		28·90	4·0	SE	3	—	8	A.-St.	—	—	— 7·0	Cloud as at 20 h., also very delicate Ci.-St. Low St. over land.
,,	13.45	,,		28·90	8·0	SE	3	—	10	Ci.-St., A.-St.	—	—	—	
,,	19.40	,,		28·85	1·0	Light airs	—	—	9	St., Ci.-St.	—	—	—	Low St. and Ci.-St. Lot of mirage over West, also Bluff wonderfully miraged. For the last two days the Bluff has had a low St. cloud running west along the peaks of the range. At times obscured, but clearing at intervals.
27	8	,,		28·79	4·0	SE	1	Cloudy	10	St.	—	—	— 5·0	
,,	13.30	,,		28·75	2·0	W and SW	1	Cloudy	10	A.-St., Low St.	—	—	—	
,,	20.50	,,		28·70	3·0	Light airs	—	Cloudy	8	A.-St., Ci.	—	—	—	Over land heavy St. to S.
28	8.30	,,		28·60	8·0	Calm	0	b.c.	2	Ci.-St.	—	—	— 7·0	Beautifully clear.
,,	14.5	,,		28·56	3·0	ENE	4	b.	0	—	—	—	—	Light surface drift.
,,	20.45	,,		28·56	13·5	Calm	0	b.	2	Cu., St.	—	—	—	Bluff cap on. Cumulus on Barrier to E of Bluff. St. over open water to N.
29	8	,,		28·53	3·0	ENE	2	o.c.	7	St.	—	—	—15·5	Bluff obscured and thick to S.
,,	14	,,		28·60	4·5	SSE	1	b.c.	4	St.	—	—	—	All beyond White Island obscured; also Erebus and Terror.
,,	19.30	,,		28·56	3·5	Calm	0	o.c.	10	A.-St., St.	—	—	—	St. to S; the rest thinly overcast.
30	8.20	,,		28·58	5·0	Calm	0	o.c.	10	St.	—	—	— 7·0	
,,	13	,,		28·52	9·0	N	2	o.c.	7	St.	—	—	—	Ross Island is nearly clear. Cloudy to S and E.
,,	16.45	,,		28·51	5·7	Calm	0	o.c.	10	St.	—	—	—	White Island obscured; thick to S.
,,	19.45	,,		28·51	12·5	Calm	0	b.c.	5	St.	—	—	—	There has been appearance of thick fog on Barrier, which is now clearing rapidly. White Island visible.
31	8.45	,,		28·54	6·0	Calm	0	o.s.	10	St.	—	—	—	Thick fog of very small crystals of snow.
,,	12.5	,,		28·54	— 1·0	ESE	4–5	o.c.	7	St.	—	—	—	At 9 h. wind came away with snow and drift. Now clearing all round.
,,	15.45	,,		28·55	9·2	Light N airs	—	b.c.	3	St.	—	—	—	Wind and drift stopped about 13 h. Appearance of fog on the Barrier remains.
,,	20.10	,,		28·56	4·0	Light S airs	—	o.	10	St.	—	—	—	Snowing heavily, small crystals.
November, 1912.														
1	9.40	,,		28.67	4·0	SE	1	b.c.	3	St.	—	—	— 8·0	St. beyond Bluff and over Western Mountains; otherwise clear.
,,	12	,,		28·67	5·0	ESE	2	b.c.	4	St.	—	—	—	St. beyond Bluff and over Western Mountains; otherwise clear.

SECTION VIII

METEOROLOGICAL REGISTERS KEPT ON SLEDGING JOURNEYS FROM CAPE EVANS

TABLES 67 to 80

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Observer: H. R. BOWERS.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45.°	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
JANUARY, 1911.		° ′	° ′	Inches.	° F.								
26	22·30	On Sea Ice 2 miles N. of Hut Point.		29·38	21·3	SE	3	b.	0·5	St.	—	—	St. clouds apparently stationary among mountains to westward.
27	Noon	On Sea Ice off Hut Point		—	—	—	—	—	—	—	—	—	Noon; much drift from SE obscuring Minna Bluff.
28	10	,,	,,	29·57	20·8	SE by E	3	b.e.	2	A.-St., St.	—	—	Breeze moderate to fresh (4–5) in forenoon.
,,	22.30	,,	,,	29·52	14·4	ESE	2	b.c.	4	A.-St.	E	—	Sky partially overcast from 15 h. to 19 h., with A.-St. moving slowly from Eastward.
29	10	,,	,,	29·55	18·2	ESE	2	o.	8	A.-St., St.-Cu.	Nearly stationary		Min. Temp. 22 h. 30 m.—10 h. 6·8° F. Thin sheet of A.-St. overhead. Blue sky on horizon to W. Cu. to N.
,,	18	,,	,,	—	—	SE	4	o.	10	Ci.-St., St.	E	—	Heavy bank of cloud obscuring Mt. Discovery with Ci.-St. above. Light bad, caused by canopy of St. above obscuring sun with snow.
,,	23	,,	,,	29·69	17·3	SE	3	c.b.	6	Ci., Ci.-St. A.-St.	N W	E	23 h. Heavy clouds with appearance of snow, etc., and St., etc.
30	9.45	2nd Camp		29·80	18·0	SE	3	b.c.	4	Ci.-St., Ci.	Radiating from SSE	—	Min. Temp. 23 h.—9 h. 45 m. 10·2° F.
31	10.30	77 54	167 17 Safety Camp.	29·85	21·9	Calm	0	o.m.	8	Ci.-St., A.-St.	—	—	Misty to E and SE with slight haze over White Island; b. over Western Mountains and to N.W Clouds practically stationary. Erebus and Terror obscured by fog and haze.
,,	12	,,	,,	—	—	SE	2	o.s.	10	St.	—	—	Noon, snow came on suddenly after a few short puffs of N wind, force 2, lasting about 15 minutes. Breeze light and increasing from SE.
,,	20·15	,,	,,	29·88	19·5	ESE	4	c.b.s.	7	Ci., Ci.-Cu., Ci.-St.	Radiating from S by E	—	Bar of Ci. and Ci.-Cu. extending from W by N to S by E. Horizon from NE to S dark slate blue in colour, with snow haze to zenith, and fine drift from ESE blowing along Barrier surface; blue sky with N and S lines of Ci-St. to W.
FEBRUARY, 1911.													
1	9	,,	,,	29·77	12·0	E by S	2	o.	8	A.-St.	—	—	Min. Temp. 20 h. 15 m. to 8 h. 30 m., 0·8° F. Atmosphere clear. b. on Southern and Western horizon.
,,	22.30	,,	,,	29·63	4·0	E by N to E	4	c.b.	8	St., A., St.	—	E	b. over mountains to SW and W. Snowy sky over Barrier with much drift. Mountains on Ross Island obscured by snow and drift.
2	15.30	77 54	167 41 4th Camp.	29·33	3·2	E by N	2	b.	9	Cu.	—	—	Min. Temp. at 9 h., 3° F. Cir. on NNW horizon over Ross Island.
,,	22.30	,,	,,	29·03	0·8	E	1	o.m.	10	Ci.-St.	—	—	Very slight haze on Barrier. Clear to S and W with much mirage. Sky completely overcast by Ci.-St., showing E to W lines of cloud to Southward. Min. Temp. 15 h. 30 m.—22 h. 30 m., 0·3° F.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
FEBRUARY, 1911.		° ′	° ′	Inches.	° F.								
3	3.35	1st Halt		29·04	0·0	SE	3	o.c.	10	A.-St., Ci.-St.	—	—	Halo round sun about 18° in diameter, altitude about 6°. Halo only visible through Ci.-St. as two arcs on opposite sides and same altitude as sun; colours orange and yellow.
,,	8	77 57	168 21	29·14	12·1	N by W	3	o.c.	10	Ci.-St., A.-St., St.	—	—	Min. Temp., 8·5 F. Snowy mist over mountains on Ross Island. Atmosphere on Barrier clear. Appearance of snow to N and NW.
,,	22.30	5th Camp. ,,	,,	29·22	8·5	S	4	c.b.s. ←	6	St.	—	S	Clouds moving from S at moderate speed. Fair amount of drift and snow to SW. White Island obscured by same. Bluff just visible. Very vivid parhelion visible for five hours, but with diminishing brightness. Wind fell at midnight and light variable airs and calm followed.
4	4	1st Halt		29·29	3·2	Calm	0	b.c.	3	Ci.-St., Cu.	Still	S	Clouds gradually clearing to 4 h. when roll of Cu. settled on Erebus. Parhelion no longer visible.
,,	8.30	78 3	168 59	29·24	2·5	NNE	2	b.c.	2	Ci.-St., Cu.	S	Still	Cu. obscuring peaks of mountains to W. 10 h. 30 m., sky became overcast with layer of mottled St. moving up from ENE. About 11 h. no detached clouds visible. Sky overcast and slight fall of snow from N.
5	0.30	6th Camp ,,	,,	29·13	22·3	S by W	5–6	o.s.	10	St.	—	S	Wind force increasing to 5 at times with considerable drift. 1 h. 30 m. sun visible for a short interval through drift. Breeze unsteady in force. 3 h. breeze increased to 7, with much drift.
,,	9	,,	,,	29·04	25·3	SW by W	4	c.b.	7	Ci., Ci.-St., St.	S	SSW	Blue sky to S and SW. St. clearing away rapidly. Wind unsteady from SW without snow or drift. Ci. and Ci.-St. overhead. 12 h., sky partially cleared. St. moving rapidly from SW. 14 h. Snow and drift from SSW. Wind shifted later to WSW and W by S and by 17 h. force 7, afterwards backing again to SW with heavy drifting snow of a soft nature with small fine flakes.
,,	21	,,	,,	28·89	25·5	SW	6	o.s.	10	St.	—	SW	Min. Temp. 9 h.—21 h., 25·3 F.
6	about 3	,,	,,	—	—	SSW	7	—	—	—	—	—	
,,	9 35	,,	,,	28·99	22·6	S	4–5	o.s.	10	St.	—	S	Min. Temp. 21 h.—9 h. 30 m., 21·3 F. 9 h. 40 m., sky lighter, but nothing visible owing to heavy driving drifts of finest particles. Snow around the camp drifted up to several feet deep in places.
,,	13	,,	,,	29·02	22·7	S	6	o.s.	10	St.	—	S	Min. Temp. 9 h. 30 m. to 13 h., 22·5 F. Breeze steady. Indications of b. overhead and general light appearance all round. Drift heavy and sun invisible. Camp only discernible at short distance.
,,	22	,,	,,	29·17	18·2	S	6–7	o.s.	10	St.	—	S	Min. Temp. 13 h.—22 h., 18·0 F. Wind falling to 5 and 4 in lulls; slightly less drift; direction steady for last twelve hours.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.	Barometer (Aneroid) reduced to 32 F°. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
FEBRUARY, 1911.		° ′ ° ′	Inches.	° F.								
7	10	78 3 168 59 (6th Camp)	29·23	19·1	S by W	4	c.b.s.	6	Ci., Ci.-St., St.	S	SSW	Low clouds moving fast, blue sky to S and SW. Bluff visible with white clouds above and all landmarks visible. General improvement.
,,	12	,, ,,	29·16	19·5	S	3	b.c.	4	Ci.-St.,Cu.	S	Still	
,,	15	,, ,,	29·16	20·0	S	5	b.c.	2	Ci.-St.	—	S	Breeze from S increased again, bringing up drift. Clear sky overhead to horizon, with exception of Ci.-St. to N.
,,	20.15	,, ,,	29·13	18·1	S	3	b.c.	2	A.-St.,Cu.	—	—	Min. Temp., 15 h.—20 h. 15 m., 18·0° F. Atmosphere and sky clear. Cu. lying over Ross Island. Breeze falling.
8	1.30	1st Halt	29·13	5·0	SSE	1	b	1	St.	—	Stationary	Cloud over Ross Island, apparently rising perpendicularly. Clear sky.
,,	6.30	78 13 168 59 7th Camp	29·09	9·8	S	1	b.	1	Ci.	—	—	
,,	17	,, ,,	29·06	18·2	Calm	0	b.c.	3	Ci.	SW	—	Min. Temp., 6 h. 30 m.—17 h., 7·0° F. Light air at times. Ci. moving over in bar across sky, running NNW to SSE, moving slowly.
,,	23.45	,, ,,	29·05	2·5	S	1	b.c.	2	Ci,	Radiating from SW	—	
9	3	1st Halt	29·08	−1·0	S	1	b.c.	3	Ci.'	Radiating from SW	—	2 h. wind increased to force 3 for space of 15 minutes, with apparently a considerable fall in temperature. 3 h. almost calm.
,,	8	78 24 169 3 8th Camp	29·16	3·7	S	1	b.c.	6	Ci., Ci.-St.	—	—	
,,	16	,, ,,	29·23	18·0	SSW	4	b.c.	6	Ci., Ci-St.	S	—	Blue sky visible through thin film of Ci.-St. and Ci. all over. Atmosphere clear.
,,	22	,, ,,	29·28	15·8	SSW	4	o.c.	9	Ci.-St.	SW	—	Min. Temp., 16 h.—22 h., 14·0° F. Shortly after 16 h. sky became overcast, starting at SW. Breeze freshened to 5 about 19 h., 22 h. dark Ci.-St. over mountains to SW. Peak of Mt. Discovery obscured by St., the only lower cloud visible.
10	3.30	1st Halt	29·28	13·1	SSW	4	o.c.	10	A.-St., Ci.-St.	SW	—	2·30 h. Breeze increased to force 5 with light surface drift, which ceased about 3 h. 30 m. Clouds almost stationary, very dark to SW and W.
,,	8	78 36 169 4 9th Camp	29·28	13·3	SW by S	3	o.c.	9	Ci.-St., A.-St.	SW	—	Clouds almost stationary, 9 h. 20 m. breeze shifted to W, force 2. General lightening up of sky and appearances.
,,	22	,, ,,	29·21	14·5	W	2	o.c.	9	A.-St.	Stationary	—	Min. Temp., 8 h.—22 h., 14·5° F. Slight haze over western mountains. Arc of blue sky to SE. slowly rising. Sun cleared edge of A.-St. cloud at 2 h. 45. Breeze from SSW about midnight, with slight fine drift along sastrugi just perceptible. Sastrugi SSW.
11	3.15	1st Halt	29·18	15·0	SSW	3–4	c.b.	8	A.-St.	—	—	Sastrugi SSW.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction True.	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
FEBRUARY, 1911.		° ′	° ′	Inches.	° F.								
11	8	78 47	169 13	29·15	12·2	SSW	3	c.b.	7	Ci.-St., A.-St.	Radiating from SE and SW	—	Drift as before, but bright sunshine. 12 h. considerable drift from SSW. Sastrugi SSW.
		10th Camp											
,,	18.45	,,	,,	29·13	11·0	SW by S	3	b.c.	4	A.-St.	Stationary	—	16 h. 30 m. A.-St. moving slowly from WNW. 19 h. 30 m. sky became overcast. Sastrugi SSW.
,,	24	,,	,,,	29·13	9·0	SSW	2	o.c.	10	A.-St.	Stationary	—	Min. Temp., 16 h. 30 m.—24 h., 7·7° F. Breeze steady. Vivid parhelion visible from Midt.—4 h. during intervals of clouds breaking. Sastrugi SSW.
12	3.30	1st Halt		29·10	1·5	SSW	2	o.c.	9	St., A.-St.	Stationary	—	Appearance of snow to W. Distant mountains to W and Ross Island obscured by St. Sastrugi SSW.
,,	8	78 57	169 13	29·13	9·5	SW	4	b.c.	7	Ci.-St., A.-St.	—	SW	Noon, sky became overcast from S with St. and A.-St. Appearance of snow at 21 h. Heavy drifts along surface of Barrier, clearing at 18 h. 30 m. Sastrugi SW by S.
		11th Camp											
,,	24	,,	,,	29·24	5·0	SW by S	5–6	c.b.s.	5	A.-St., Ci.	SE by E	—	24 h. St. from SW by S moving fast. Sky overcast and partially clear at intervals. Sastrugi SW by S.
13	11	78 63	169 17	29·33	12·5	SW by S	6–7	o.s.	10	St.	S	SW	8 h. snow and heavy drift commenced again 6 h. and increased to density of f. 3 at 7 h. 30 m. Wind increasing in force 11 h. Sastrugi SW by S., 12 h. sun visible through snow and A.-St. Thick heavy drift from SW by S. Breeze steady. 18 h., weather moderated and snow subsided, wind falling to 4. Sky clearing to S. and SW., leaving Ci.-St. and A.-St. 22 h., light breeze (2); very slight surface drift occasionally seen during stronger puffs of wind until 1 h. 4 m., when atmosphere cleared and temperature fell considerably. 24 h. 13 m., Sastrugi SW by S.
		12th Camp											
,,	24	,,	,,	29·34	3·8	SW by S	2	b.c.	5	Ci.-St., A.-St.	—	—	
14	4.30	1st Halt		29·36	— 4·5	SW by S	2	b.c.	4	Ci.-St.	—	—	Sastrugi SW by S.
,,	10.30	79 13	169 20	29·41	3·2	SW by S	1	b.	2	Ci.-St.	—	—	Mirage over land, with slight haze over mountains to NW and W. Sastrugi SW by S.
		13th Camp											
,,	22	,,	,,	29·40	— 3·7	Calm	0	b.m.	2	Ci.-St.	Stationary	—	Min. Temp., 10 h. 30 m.—22 h., —3·7° F. Occasional light Southerly airs. Very slight haze over land. Sastrugi SW by S.
15	5.15	,,	,,	29·43	—15·3	NNW	1	b.	2	Ci., Ci.-St.	—	—	4h. Temp. —16° F. Breeze only just perceptible. Clouds almost stationary. Ci. to S and SW dispersed. Sastrugi SW by S.
,,	10.15	79 21	169 20	29·43	— 6·5	N	1	b.c.	4	Ci.-St., St.	—	—	7 h.–8 h., much mirage on surface of Barrier. 10 h. 15 m., A.-St. spread over northern part of sky, apparently from SE. Sastrugi SW.
		14th Camp											

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
February, 1911.		° ′ ° ′	Inches.	° F.								
15	20	79 21 169 20 (14th Camp)	29·44	−5·5	SW	1	b.	1	Ci.-St.	SW	—	Sunshine almost continuous all day. Sky clear. Sastrugi SW.
,,	24	,, ,,	29·44	−9·5	Calm	0	b.	2	Ci.-St.	—	—	Sastrugi definitely SW. Much mirage.
16	3	— — (Halt)	29·43	−15·3	SW	3	b.c.	3	Ci., Ci.-St.	—	—	Objects (cairns) over ten miles distant visible in mirage. Breeze sprang up from SW. Clear atmosphere. Ci.-St. moving from SE direction. Sastrugi SW.
,,	10.30	79 29 169 22 (15th Camp)	29·44	−0·5	SW	4	b.m.	2	Ci.-St.	Stationary		Slight drift with SW breeze. Very slight haze over land. 12 h.–16 h. Considerable drift until breeze just about 16 h. Sastrugi SW.
,,	22.15	,, ,,	29·29	7·2	SSW	3	o.s.	10	St.	—	SW	Snow and then drift from time to time. Sastrugi SW by S.
17	3	,, ,,	—	—	S	4	o.s.	10	St.	—	—	Heavy drift from S continuously from midnight till 16 h. 4h. Parhelion visible on horizon through St. 8 h. Less drift. Wind from SSE until 6 h., when changed to S by W; falling light and sky clearing swiftly. Sastrugi SW by S.
,,	12	79 29 — (16th Camp)	29·13	9·7	SSW	3	c.b.	8	A.-St., St.	—	—	13 h. Atmosphere clear. 16 h. Land just visible, but mountains obscured. Sastrugi SW by S.
,,	22	,, —	29·04	−6·7	S	2	b.c.	5	Ci.-St., Ci.-Cu.	—	—	Min. Temp. 12 h.–22 h., −8·3 F. Left spare minimum thermometer on depôt in 79° 30′ S. last reading −14·0° F. Sastrugi SW by S.
18	11	79 17 169 22 (1st Return Camp)	29·22	−10·6	SW by S	4	c.s.f.	7	Ci., St.	Radiating from SE	SW	2 h. Drift snow and snowy mist from S. Breeze, 3. Sun visible. 3 h.–9 h. Sky overcast and sun obscured with heavy snow fog, then drift on Barrier surface. Breeze S by W, 4. Light very uncertain. 11 h. Drift then: sun visible overhead, also blue sky, with detached Ci. Sastrugi 11 h., SW by S.
,,	17.30	,, ,,	—	—	SSW	2	b.c.	b.	Ci.-St., Ci.-Cu., St.	SE	SW	Bluff just visible, covered with clouds: mountains to W and NW all obscured by St.; misty appearance on land.
,,	22	,, ,,	29·20	−2·8	SSW	1	c.b.m.	8	Ci.-St., St.	Stationary		Min. Temp., 11 h.–22 h., −10·3 F. Fine and clear, no drift. Ci. and Ci.-St. radiating N by W and S by E. Sastrugi SW by S.
19	8	79 6 169 21 (2nd Return Camp)	29·25	−7·6	SW by S	3	c.f.	8	Ci., Ci.-Cu., St.	S by E	SW by S	Fog with low St. moving up rapidly from SE by S. Sastrugi SW by S.
,,	13.30	,, ,,	29·24	0·0	SW by S	2	o.	10	A.-St.	—	—	A.-St. apparently from E or SE direction, covering sky. Weather fine, breeze light. Bluff covered with cloud, but points at base of hills just visible. Sastrugi SW by S.
,,	21.45	,, ,,	29·28	−10·7	SSW	1	b.c.	7	Ci.-St., A.-St.	—	SSW	22 h. Breeze hardly perceptible at times. St. on land. 24 h. St. and A.-St. moving over slowly from SSW. Sastrugi SW by S.
20	8	78 57 169 16 (3rd Return Camp, Bluff Camp)	29·22	−0·7	Calm	0	o.s.	10	St.	—	S	1 h. Mt. Erebus just visible, dark clouds to SW: semi-parhelion. 8 h. Sky overcast, calm, fine snow falling. Sastrugi SW by S.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from		
											Upper.	Lower.	
FEBRUARY, 1911.		° ′	° ′	Inches.	° F.								
20	19.30	78 57 (3rd Return Camp, Bluff Camp)	169 16	29·18	−1·6	S by E	3	o.c.m.	10	St.	—	—	14 h. Sky cleared overhead, with SE breeze; heavy clouds over land, Bluff obscured. 17 h. Breeze S. and light. Min. Temp., 8 h.–17 h., −5·8° F. 16 h. Breeze from SE by E, force 4; gradually veering to S by 20 h. 20 h. Breeze falling to light air, general sunny appearance. Sastrugi SW to SW by S.
,,	22	,,	,,	29·17	−4·8	S	2	o.s.	8	A.-St., St.	SSW	SSW	All land obscured by heavy St.; light breeze with little snow falling. A.-St. from SSW overclouding sky. Sastrugi SW to SW by S.
21	10.30	78 40 (4th Return Camp)	169 10	29·15	4·5	SW by S	5	o.s.f.	10	St.	—	SSW	1 h. 30 m. Breeze from SSW. force 4, with snow and heavy drift and fog. 4 h. Wind force 5. with snow. Snowing continuously, with occasional patches of clear sky, when sun was visible for short intervals. 11 h. Breeze falling and less drift, blue sky overhead; St. and A.-St. moving less rapidly from SW by S. Sastrugi 10 h., SSW.
,,	15	,,	,,	29·15	7·2	Calm	0	b.	0	—	—	—	18 h. Light air from NNE, fine and clear. Sastrugi SSW, 15 h.
,,	23	,,	,,	29·09	−4·6	N by W	2	b.	1	A.-St.	—	—	Atmosphere and sky clear; mountains to W and Bluff remarkably clear, in addition to mountains of Worcester Range beyond Bluff. 24 h. Wind came away from SSW, force 2. During march notable change in direction of Sastrugi to S by W.
22	12	78 23 (5th Return Camp)	169 1	29·23	4·1	S by W	4–5	b.	1	Ci.-St.	—	—	Light drift at times from 0 h.–6 h. Breeze 2 to 4. A.-St. moving up from SSW in small quantities. 12 h. Sky and atmosphere clear. Clouds apparently stationary. Sastrugi 12 h., S by W.
,,	20.30	,,	,,	29·28	−3·7	S	1	b.c.	4	A.-St.; St.	SSW	SSW	20 h. Almost clear. St. over White Island and Erebus, with appearance of snow to W. Clouds moving slowly. Sastrugi S by W.
23	7.15	78 12 (6th Return Camp)	168 59	29·37	−3·5	SSE	3	o.s.	10	St.	—	S	Sky clear until 1 h. 30 m., when A.-St. spread over from S, followed by St. from SSW to SW by S. 5 h. 30 m. Bluff and White Island obscured by St. and snow. 7 h. 15m. Sastrugi S by W. Soft snow without drift falling. 10 h. Light S breeze, with little snow. Land to W and Ross Island obscured during remainder of day, with SSW breeze, force 2, and occasional light soft snow; sky heavily overcast with St.
,,	20	,,	,,	29·48	0·2	S by W	1	o.m.	10	St.	—	S	Almost calm. Barometer 13 h. 29.46 in. Min. Temp., 8 h.–20 h., −3·3° F. Sastrugi 20 h., S by W.
24	6	78 0 (7th Return Camp)	168 40	29·44	0·0	S	1	o.f.	10	St.	—	S	0 h. White Island is only just visible, and foot of Mt. Terror. Fog and snow slowly obscuring all land. 1 h. Everything obscured by dense snowy fog. No perceptible breeze. 3 h. 15 m. Light S air. 6 h. Sun shining through fog, with blue sky overhead. Sastrugi S by W. 6 h.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.	Barometer (Aneroid) reduced to 32 °F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
FEBRUARY, 1911.		° ′ °	Inches.	° F.								
24	8.30	78 0 168 40 (7th Return Camp)	29 45	−0·3	SSW	2	c.b.f.	7	Ci., St.	SE	SSW	8 h. Peaks on Ross Island clear. St. moving rapidly from SSW; much Ci. overhead. Remainder of land obscured by thick fog. Sastrugi S by W.
,,	13	,, ,,	29·44	1·2	SSW	3	c.b.f.	5	Ci., St.	SE	S	Southerly breezes freshening. All land still under fog, except peaks on Ross Island. Atmosphere clear on Barrier to SE. Sastrugi S by W.
,,	20	,, ,,	29·39	4·7	SSW	4	o.c.f.s.	10	A.-St., St.	—	SSW	Snow in fine drift ftom time to time. Sastrugi S by W.
25	5.30	77 57 167 45 (8th Return Camp)	29·38	−3·3	SSE	2	c.b.m.	8	Cu.-St., St.	—	NNE	Heavy clouds moving rapidly from NE during night. 5 h. 30 m. Clouds and mist from NE. Ross Island obscured. 10 h. Lower slopes on Ross Island just visible. General appearance of unsettled weather. Min. Temp., 6 h.–15 h., −1·5° F. 5 h. 30 m. Sastrugi S by W.
,,	16	,, ,,	29·35	3·5	Light N airs	0–1	b.c.	6	Ci.-St., A.-St., St.	—	NE	Heavy snow passing to SW and W from northerly direction. 18 h. Barrier surface covered with fine snow about 2 inches deep, and lying entirely unaffected by wind. 16 h. Sastrugi S.
,,	21.30	77 54 167 17 (Safety Camp)	—	—	Light N breeze	2	c.b.	9	A.-St., St.	—	—	
26	—	,, ,,	—	—	—	—	—	—	—	—	—	26th. Blizzard commenced with light drift snow and strong breeze from NE, the wind at camp being E, probably turned by the coast of Ross Island. In afternoon snow increased, and wind to force 7, the weather being overcast and sun entirely obscured.
27	8	,, ,,	—	—	—	—	—	—	—	—	—	During night wind squally to force 8. About 4 h. it changed direction to SE, blowing with same force, and increased drift. Noon, conditions unchanged.
,,	14	,, ,,	29·14	4·0	SE	7	o.s.	10	St.	—	—	Heavy driving snow and drift. Everything obscured at distance of a few yards. Sun not visible all forenoon.
,,	20	— —	29·18	1·0	SE	7–8	o.s.	10	St.	—	—	Conditions as before.
28	—	— —	—	—	—	—	—	—	—	—	—	Wind abated about 2 h. on 28th, falling to force 4, with very light drift by 8 h. Sky cleared and general improvement.
MARCH, 1911.												
1	0.5	77 55 166 20 On sea-ice off Cape Armitage	—	—	E	2	o.g.m.	10	Cu., St.	—	—	March 1st. About 3 h. Heavy swell from seaward broke up all sea-ice in bay to Barrier edge. Swell subsided about 17 h.
2	—	— —	—	—	—	—	—	—	—	—	—	During night large pieces of Barrier edge broke away, while the bulk of loose ice in Strait went out to seaward. The heavier ice on Southern Barrier edge driven close up to Barrier by light NE breeze. Weather unsettled and wind blowing towards the open water with much frost-smoke over water.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud				Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction (True).	Force (0–12)		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
March, 1911.			Inches.	° F.								
3	—	— —	—	—	—	—	—	—	—	—	—	3rd. 4th and 5th. Weather fine with easterly breeze, and temperature on Barrier varying from zero to −7·5. Clear without drift, and misty with frost-smoke over open water, while wind blew continuously from E.
4	—	— —	—	—	—	—	—	—	—	—	—	
5	—	— —	—	—	—	—	—	—	—	—	—	
6	10	77 50 166 58 (Hut Point)	29·13	0·6	E	5	c.b.m.	8	St.	—	E	Min. Temp., 20 h.–10 h., −1·5° F.
,,	20	,, ,,	—	3·8	ENE	3	b.c.	4	Ci.-St., St.	—	—	
7	8.15	,, ,,	—*	1·2	Calm	0	b.c.	3	Ci., Ci.-St.	—	—	Min. Temp., 20 h.–8 h. 15 m., −4·5° F.
,,	22	,, ,,	—	3·5	Calm	0	b.c.	4	Ci.	—	—	
8	7.30	,, ,,	—	3·0	NE	2	b.c.	4	Ci., Ci.-St.	—	—	Min. Temp., 22 h.–7 h. 30 m., −2·0° F.
,,	20	77 58 166 30 (Disaster Camp)	—	−4·7	NE	1	b.c.	5	Ci., Ci.-St., A.-St.	—	Stationary	
9	7	,, ,,	—	−7·7	E	2	c.b.m.	8	A.-St., Ci.-St.	—	S	Min. Temp., 20 h. to 7 h., −3·8° F. Frost-smoke over bay.
,,	13	77 54 167 5 (Fodder Depôt)	—	—	E	2	b.c.	5	A.-St.	—	—	Fine and clear; much mirage on Barrier surface. At sunset sky cleared and breeze fell to calm.
,,	21	77 50 167 0 (Ascent Slope, Foot)	—	−4·5	Calm	0	b.c.	3	Ci.-St.	—	—	Atmosphere clear.
10	7.30	,, ,,	—	—	E	2	b.c.	4	A.-St., Ci.-St.	—	—	During night slight snowfall. 7 h. 30 m. Frost-smoke over Strait; clear on Barrier.
,,	14	(Saddle Camp)	—	—	E	3	b.c.s.	4	A.-St., St.	—	—	During forenoon slight drift at intervals on upper slopes.
,,	20	77 50 166 58 (Hut Point)	—	—	E	2	b.c.	6	St.	—	—	Breeze freshening. Much mist over Strait, probably result of frost-smoke.
11 to 15	—	— —	—	—	—	—	—	—	—	—	—	No observations of a reliable nature recorded 11th to 15th inclusive.
16	6	77 50 166 58 (Hut Point)	—	—	Light E Airs	1	b.c.	3	Ci.-St.	—	—	Fine and clear. During day breeze remained at force 2 until about 14 h.: after which fell to calm. Sky clear.
,,	19.30	77 54 167 10 (2 miles E of Safety Camp)	—	— 6·5	Calm	0	b.	1	St.	—	Stationary	20 h. Light breeze from NW increasing rapidly to force 4, with slight drift. Sky clear to N and W. A.-St. to St. in E.
17	6.30	,, ,,	—	— 7·7	SSE	4	c.b.s.	7	Ci.-St., A.-St., St.	—	—	Min. Temp. 20 h.–6 h. 30 m., −3·7° F. During night wind shifted to SSE. with more drift, force 5. 8 h. Breeze falling light; drift ceased.
,,	13.30	(Lunch Camp)	—	—	Calm	0	b.c.	5	A.-St., St.	—	S.	Noon. Clear: clouds moving up from S. All outlying mountains and land visible.

* Barometer evidently damaged here.

TABLE 67. REGISTER OF PARTY TO ONE TON CAMP, JANUARY 26TH TO MARCH 23RD, 1911. HUT POINT TO ONE TON CAMP AND BACK.

Time.		Position.	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S. Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
March, 1911.		° ′ ° ′	Inches.	°F.								
17	20	77 56 168 0 (2nd Camp)	—	−18·5	S	1	b.c.m.	6	A.-St., St.	SE	—	Very hazy. Ross Island obscured. Blue sky overhead. Temp. 21 h. 15 m., −21·5° F.
18	7.30	,, ,,	—	6·1	SSE	1	o.f.s.	10	St.	—	—	Min. Temp. 20 h.–7 h., −32° F. Practically calm during night.
,,	13.30	(Lunch)	—	− 4·3	SSE	3	c.b.m.s.	6	Ci.-St., A.-St., St.	SE	S	Partial parhelion. Slight drift from S. 16 h. Heavy drift and snow with fresh breeze, force 5. Obscured all landmarks. Blue sky overhead.
,,	20	77 58 168 20 (3rd Camp)	—	−14·0	SSE	5	b.m.s.	6	St.	—	SSE	St. moving rapidly. Heavy drift.
19	9.45	,, ,,	—	−19·1	SE	1	b.c.f.	7	Ci.-St., St.	—	—	10 h. Light fog. Parhelion.
,,	12	(Lunch)	—	−21·5	SE	2	f.c.b.	6	A.-St., St.	—	S	Fog and mist with slight drift. 16 h. All objects obscured by light drift and fog.
,,	20	78 14 168 45 (4th Camp)	—	−27·0	SE	2	f.s.	10	St.	—	—	Breeze falling very light.
20	6.30	,, ,,	—	−37·0	Calm	0	b.c.m.	6	Ci.-St., St., Ci.	—	Stationary	Min. Temp. 20 h.–6 h., −41·9° F. Much mirage from sunrise to noon.
,,	14	78 3 168 59 (Corner Camp)	—	−16·7	W	2	c.b.m.	8	Ci.-St., Ci.	—	—	Light W breeze shifting slowly into WSW and SW. 16 h. SW breeze with light drift.
,,	19.15	78 0 168 30 (1st Return Camp)	—	3·1	SSE	3	o.s.f.	10	St.	—	—	
21	10	,, ,,	—	2·2	SSE	4	o.s.f.	10	St.	—	—	Min. Temp. 19 h. 15 m.–10 h., −14·6° F. During night breeze fell very light, with heavy soft flaky snow. 8 h. Thick snow obscuring all sastrugi on surface of Barrier. Snowy mist very thick. Light breeze. 10 h. Moderate breeze and drift from S 21 E. Clouds moving rapidly overhead.
,,	14	,, ,,	—	5·0	SE	2	o.m.	10	St.	—	S	14 h. Breeze fell; very slight drift. White Island and lower slopes of Ross Island visible. Fog dispersed.
,,	22.30	77 58 168 5 (2nd Return Camp)	—	− 2·5	Calm	0	o.f.	10	St.	—	Stationary	
22	6	,, ,,	—	− 7·7	SE	1	b.c.	4	Ci.-St., St.	—	Stationary	Min. Temp. 22 h. 30 m.–6 h., −10·6° F. During night calm for most part with clear atmosphere after midnight. 6 h. Fair and clear. Much mirage from sunrise till 15 h.
,,	21	77 50 166 55 (Pram Point Ridges)	—	− 4·5	E	2	o.m.c.	9	Ci.-St., A.-St., St.	—	Still	15 h. St. and A.-St. spread over. Light E breeze and low drift. Atmosphere clear. About 22 h. heavy St. worked over from NE obscuring stars in W and SW quadrants. This cloud moved at a low level obscuring summit of Castle Rock and moving very slowly.
23	8	,, ,,	—	− 10·7	Calm	0	b.c.	3	Ci., Ci.-St.	Radiating from NW	—	Min. Temp. 14·3° F. Position of camp in hollow between pressure ridges. 2 h. Calm, b.c. clouds stationary.
,,	12	,, ,, (Crater Height)	—	—	E	3	b.c.	6	St., A.-St.	—	—	Breeze steady since 10 h. Indications of considerably more Barrier ice having gone out during past week.
,,	22	77 50 166 58 (Hut Point)	—	—	Calm	0	b.c.	5	Ci., Ci.-St.	Still	—	

TABLE 68. REGISTER OF TAYLOR'S 1st WESTERN MOUNTAIN PARTY.

January 27th to March 14th, 1911.

Observer: C. S. Wright.

Day.	Hour, Standard Time.	Position.	Barometer (Aneroid) Uncorrected.	Min.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
						Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
January, 1911.			Inches.		°F.						
27	10 P.M.	Mouth of Ferrar Glacier	30·17	—	21·3	S 30 E	2–3	g.	6	St., Cu.	Heavy clouds hanging over Western Mountains.
28	8 A.M.	,, ,,	30·245	13·0	20	S 60 E	0–1	—	4	Ci.-St., St.-Cu.	Clouded on horizon only.
,,	10 P.M.	,, ,,	30·20	—	21·3	S 20 W	0–1	b.c.	½	Cu.	
29	8 A.M.	,, ,,	30·23	12	25	Calm	0	b.c.	2	Cu.-St.	Clouds on horizon.
,,	7.30 P.M.	Opposite to First Falls	30·315	—	24·8	W	1	o.g.	9	Cu.-St.	Snow or fog up the glacier.
30	8.30 A.M.	,, ,,	30·445	16·5	21	S	2	b.c.	2	Ci.-St., Det.-St.	
,,	10.30 P.M.	Opposite to Descent Pass	28·79	—	19	S	1	b.c.	0	—	
31	9 A.M.	,, ,,	—	2	13	S	2	b.c.	1	Cum.-St.	
,,	9 P.M.	S.W. end of Kukri Hills	27·48	—	12	N	2	b.c.	1	Ci.-St.	
February, 1911.											
1	9 A.M.	S.W. end of Kukri Hills	27·325	2	12	N 30 E	0–1	b.c.	0	—	
,,	7 P.M.	End of Taylor Glacier (About 600′ above sea)	29·40	—	23	N 30 E	2	b.c.	0	—	
2	8 A.M.	,, ,,	29·20	14	17	Calm	0	b.c.	0	—	
,,	8 P.M.	,, ,,	28·84	—	24	N 30 E	1–2	o.	10	A.-St., Cu.-St.	
3	9 A.M.	,, ,,	29·09	21	21	Calm	0	o.	10	Cu.-St.	Snowing on hill-tops. Light snowfall, indeterminate prism forms.
,,	8 P.M.	,, ,,	29·02	—	26	S 30 W	1–2	b.c.	2	St., Cu.	Clouds on horizon to west.
4	8 A.M.	,, ,,	29·11	15	19	NE	1	b.c.	1	Ci., Cu.	
,,	9 P.M.	Opposite Suess Glacier	—	—	—	SW	3	o.	10	St.-Cu.	
5	8 A.M.	Opposite Suess Glacier (About 100′ above sea)	—	—	—	NE	3	o.	10	—	From now till February 8th the thermometer registered several degrees too high, running up to 40° at times.
,,	8 P.M.	,, ,,	29·40	—	—	SW	3	b.c.	8	Ci.-St., Cu.-St.	

TABLE 68. REGISTER OF TAYLOR'S 1st WESTERN MOUNTAIN PARTY.

January 27th to March 14th, 1911.

Day.	Hour, Standard Time.	Position.	Barometer (Aneroid) Uncorrected.	Min.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
						Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
February, 1911.			Inches.		°F.						
6	9.15 A.M.	Opposite Suess Glacier. (About 100′ above sea)	—	—	—	SW	4	o.g.	10	St.-Cu.	
,,	8 P.M.	,, ,,	—	—	—	NE	4	b.c.	—	Det.-Cu., St.-Cu.	Wind always up or down the valley here.
7	8 A.M.	,, ,,	—	—	—	SW	3	b.c.	1	Det.-Cu.	
,,	6.45 P.M.	End of Taylor Glacier	28·95	—	—	SW	5–6	b.	0	—	
8	8 A.M.	,, ,,	28·92	19	24·5	Calm	0	b.	3	Ci.-St.	
,,	8 P.M.	By Cavendish Falls	27·06	—	18	N	2	b.c.	4	Ci.-St.	
9	8 A.M.	,, ,,	27·18	14	16	Light	Airs	b.c.	3	Ci.-St., Ci.-Cu.	Minimum thermometer probably reads too high, as it is difficult to arrange to have it shaded at lowest temperature.
,,	7 P.M.	Off Kukri Hills	26·94	—	14	S 30 E	0–1	o.	10	St.	Snowing on hill-tops.
10	8 A.M.	,, ,,	26·98	8	9	S 30 W	2	o.b.	3	Cu.-St.	
,,	9.40 P.M.	Off Descent Pass	28·32	—	17	SE	1	b.c.	2	Ci.	Cu.-St. 1 on NE horizon.
11	9½ A.M.	,, ,,	28·30	10	17	SW	2	o.	9	St.	
,,	9.15 P.M.	Off Sentinel Peak	29·05	—	18	E	1	o.	10	St.	
12	9.20 A.M.	,, ,,	29·05	12	17	SW	2	o.	10	St.	
,,	8 P.M.	Off Ferrar Glacier End	30·03	—	12	Light	airs	b.c.	4	Ci.-St.	
13	9 A.M.	,, ,,	30·18	9	14	Light	airs	b.c.	4	Ci.-St.	
,,	8 P.M.	Butter Point	29·80	—	14	S 70 E	3	b.c.	0	Det.-Cu., Cu.-St.	
14	8 A.M.	,, ,,	29·86	−4	8	S 60 E	3	b.c.	3	St.-Cu.	
,,	8.15 P.M.	Butter Glacier (new camp)	29·85	—	12	S	4	o.b.e.	9	Ci.-St., St.	
15	9 A.M.	,, ,,	—	8	13	S 30 E	3	o.b.	5	Cu.-St.	
,,	8.20 P.M.	Blue Glacier	30·26	—	14·5	S 50 W	1	b.c.	3	Ci.-St., St.	

TABLE 68. REGISTER OF TAYLOR'S 1st WESTERN MOUNTAIN PARTY.

January 27th to March 14th, 1911.

Day.	Hour, Standard Time.	Position.	Barometer (Aneroid) Uncorrected.	Min.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
						Direction True.	Force (0–12).		Amount (0–10).	Kind.	
February, 1911.			Inches.		°F.						
16	9 A.M.	Blue Glacier	30·30	5·5	14·5	Light	airs	o.b.	8	St.	
,,	8 P.M.	Crater Camp (in Blue Moraine)	30·15	—	20	,,	,,	b.c.	3	Ci.-St., St.	
17	9 A.M.	,, ,,	30·01	17	19	E	1–2	o.	10	St.	
,,	7.15 P.M.	Koettlitz Moraine Camp Choc. 20′ sea level	29·87	—	20	W	3	o.	10	St.	Snowing indeterminate needle crystals; 3-knot current in stream under ice flowing down the side of Koettlitz.
18	10 A.M.	,, ,,	29·98	14	24	S	9	b.c.	7	Ci.-St., St.	
,,	7½ P.M.	,, ,,	—	—	21	NW	7	o.	10	St.	Snowing on hills.
19	7.45 A.M.	,, ,,	30·05	16	19	NW	5	o.	10	St.	
,,	8.10 P.M.	,, ,,	30·08	—	19	N	4	b.c.	8	Ci.-St., Cu.-St.	
20	10.30 A.M.	,, ,,	30·10	14	13	N	1	o.	10	Cu.-St.	In the Pinnacle Ice height may be taken as between 20′ and 100′ above sea level.
,,	8.30 P.M.	Pinnacle Ice	30·09	—	15·5	NE	2	b.c.	8	A.-St., Cu.-St., Cu.	
21	10 A.M.	,, ,,	30·06	6	16	N	2	b.c.	1	Ci.-Cu.	Structural crystals (plate part) found on canvas of tent 1/16″.
,,	7 P.M.	,, ,,	29·95	—	19	N	1	b.c.	1	Cu., Cu.-St.	
22	8 A.M.	,, ,,	30·01	7	15	Light airs	—	o.b.c.	9	St., Cu.-St.	Ditto. At times arranged in rosettes.
,,	6.30 P.M.	,, ,,	30·10	—	13	N	3	o.b.c.	9	A.-Cu., Cu., Cu.-St.	
23	8 A.M.	,, ,,	30·20	11	11	E	3	o.	10	Cu.-St.	Few flakes of snow during the night—fluff balls.
,,	8 P.M.	,, ,,	30·29	—	10	NE	2	o.c.	9	A.-St., Cu.-St.	Light snowfall—fluff balls and crystals (see Notes).
24	8 A.M.	,, ,,	30·24	6	5	Light air	—	b.o.c.	3	A.-St., Cu.-St.	¼″ of indeterminate snow flakes.
,,	6 P.M.	NW side (left bank of Koettlitz)	30·15	—	14	SE	1	o.	10	St.	Few flakes falling—narrow arms—no centre.
25	9 A.M.	,, ,,	30·16	—	8	Light airs	—	o.b.	7	A.-Cu., St.	Indeterminate flakes. ⅛″ snow during night—fluff balls.
,,	7.30 P.M.	,, ,,	30·05	—	8	S	1	o.b.c.	5	A.-Cu., Cu.-St.	

TABLE 68. REGISTER OF TAYLOR'S 1ST WESTERN MOUNTAIN PARTY.

JANUARY 27TH TO MARCH 14TH, 1911.

Day.	Hour, Standard Time.	Position.	Barometer (Aneroid) Uncorrected.	Min.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
						Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
FEBRUARY, 1911.			Inches.		°F.						
26	8 A.M.	NW side (left bank) of Kœttlitz.	30·04	−10	9	Light airs	—	o.g.	10	St.	Snow about. (The minimum reading appears strange.)
,,	9.10 P.M.	,, ,,	30·00	—	5	E	1	o.	10	Cu.-St.	Few flakes falling of indeterminate form.
27	8 A.M.	,, ,,	29·85	6	5	E	1	—	10	St.	Hypsometer 211°·00. Aneroid 29·85.
,,	7.30 P.M.	,, ,,	29·80	—	8	N	5	—	10	—	Indeterminate crystals of snow falling, ¼″ in last 12 hrs.
28	8.45 A.M.	,, ,,	29·82	6	8·5	Light airs	0	—	10	St.	
,,	8 P.M.	,, ,,	29·78	—	8	NE	0–1	o.	10	St.	Snow about.
MARCH, 1911.											
1	9 A.M.	,, ,,	29·79	7	5	SW	3	b.c.	1	St.	
,,	7 P.M.	,, ,,	29·79	—	6	SW	1–2	o.b.c.	4	Ci.-St., Cu.	
2	8.15 A.M.	,, ,,	29·85	0	6	E15S	2	o.b.c.	3	Ci.-St.	
,,	6 P.M.	Off Miers Valley	29·82	—	6	N60E	1–2	b.c.	4	Ci.-St.	
3	7.45 A.M.	,, ,,	29·82	3	7	N15W	0–1	o.b.c.	7	Ci., St.	Few indeterminate crystals falling, little snow during night.
,,	7 P.M.	Off Garwood Valley	28·98 ?	—	6	N15E	0–½	o.	10	St.	Snowing. Two ins. covering of indeterminate fluffy crystals. Halo 2–3 P.M. colours not bright.
4	9 A.M.	,, ,,	29·835	−4	3	Light airs	—	o.b.	3	St.	¾ inch of same kind of snow during night.
,,	7 P.M.	,, ,,	29·82	—	− 7	W	0–1	b.	0	St. on N. horizon	
5	8 A.M.	,, ,,	29·78	−15	0	W	1–2	o.	10	St.	Few indeterminate granular balls with spikes falling.
,,	6 P.M.	Chocolate Camp (as Feb. 17)	29·80	—	+ 2	S60E	1	o.	10	St.	
6	8 A.M.	,, ,,	29·90	−15	− 8	Light airs	—	o.b.	7	Ci.-St., St.	
,,	6 P.M.	Off Dailey Id. (largest)	29·92	—	0	S	3	o.b.c.	5	Ci.-St., Det.-Cu.	

TABLE 68. REGISTER OF TAYLOR'S 1ST WESTERN MOUNTAIN PARTY.

JANUARY 27TH TO MARCH 14TH, 1911.

Day.	Hour, Standard Time.	Position.	Barometer (Aneroid) Uncorrected.	Min.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
						Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
MARCH, 1911.			Inches.	°F.							
7	8 A.M.	Off Dailey Id. (largest)	29·999	−13	− 7	S70E	5	b.	2	Ci.-St.	
,,	8 P.M.	Off Pinnacle Ice	30·05	—	−10	S	2	o.b.	4	Ci.-St., St.	
8	8 A.M.	,, ,,	30·15	−12	−10	Sly	0-1	b.c.	1	Ci.-St., St.	
,,	7 P.M.	In Pinnacle Ice	30·05	—	+ 2	E15N	3	b.o.	1	St.	St. on horizon.
9	9 A.M.	,, ,,	29·91	− 3	+ 1	S	4	b.	1	Ci.-St on horizon	Prismatic column crystals lying on all but bright metals.
,,	8 P.M.	Ditto, new camp	29·73	—	− 2	S15W	3	b.e.	3	St., Cu.	St. on hor. 22° Halo visible; one mock sun; also from 3.30-5 P.M. microscopic crystals falling.
10	9 A.M.	In Pinnacle Ice	29·74	—	− 1	S30E	5	o.b.	6	St.	Halo with one mock sun. No crystals falling. Sun almost obscured by stratus. Snow about.
,,	7 P.M.	6m. W of Hut Pt.	29·85	—	0	S	7-8	b.o.	8	St.	Drift waist high. Surface drift all afternoon, wind very unsteady in direction and force.
11	8.30 A.M.	,, ,,	—	−11	− 3	Sly	7	o.	10	St.	All night wind unsteady in force.
,,	8 P.M.	Barrier (close to Safety Camp)	30·10	—	− 7	Ely	4	o.	10	St.	All day wind unsteady in force and direction.
12	9.30 A.M.	,, ,,	30·06	−13	− 9	SE	4-5	o.s.	10	St.	Indeterminate snow during night and at present. Drift.
,,	7 P.M.	,, ,,	30·00	—	—	SE	8	o.s.	10	Snow	All A.M. snow and drift. Sun shining dimly. In afternoon sun not visible—much drift and snow.
13	9 A.M.	,, ,,	29·90	—	—	SE	8-9	o.	10	Drift	Sun shining. Drift 10 feet high.
,,	6 P.M.	,, ,,	29·83	—	—	SE	5-6	o.	10	St.	
14	9.30 A.M.	,, ,,	29·80	—	—	SE	7	o.	10	St.	Drift 4 feet high.
						Evening of 14th arrived at Hut Point.					

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Observer: H. R. Bowers.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
June, 1911.			Inches.	°F.						
27	21.30	1st, Camp 9¾ miles off Castle Rock	29·43	−15·0	ESE	5	b.	0	—	13 h. 15 m. Off Glacier Tongue temperature −14·5 F. Breeze came away from E, force 3–4. 16 h. Breeze ESE, force 3. Sky clearing. 18 h. Breeze ESE, 5. Clear sky. Erebus clear.
28	7.45	,, ,,	29·57	−24·0	SW	1	b.e.	5	Ci.-St.	During night clear sky. Breeze fell about 3 h. to calm. 7 h. 30 m. Min. Temp. from 21 h. 30 m. −25·5° F. 8 h. Faint aurora to SE. Altitude 45°, 11 h. Aurora curtain faint to SE. 12 h. Ice crystals in air, calm, clear sky 16 h. Variable airs from NW, W, and SSW, force 0·5 to 1. Fine and clear.
,,	13.30	Hut Point	29·61	−26·0	Light variable Airs	1	b.e.	2	Ci.-St.	Ci.-St. over Ross Island.
,,	21.10	2nd, 17 miles on Barrier	29·55	−46·5	Calm	0	b.	2	Ci.-St.	Ci.-St. on horizon. Calm and clear. From 18 h. to 19 h. bright Aurora from ENE to SE, curtain form, altitude about 15°. 20 h. Temp. −44.0° F. Note.—At edge of Barrier a cold Easterly air was flowing from surface on to sea ice.
29	9	,, ,,	29·47	−48·5	E	1	b.e.	1	Ci.-St.	Min. Temp. −56·0° F. Fine and clear. No cloud over Ross Island. Aurora fairly bright: curtain to N; altitude about 45°.
,,	13	19½ m. on Barrier	29·34	−49·5	E	1–2	b.	0	—	14 h. Fine and clear. Barrier surface very heavy owing to low temperature. 16 h. to 20 h. Auroral curtain visible at all times over greater part of sky, chiefly to E.
,,	19.30	3rd, 21½ Barrier	28·93	−49·7	E	1	b.	0	—	
30	10	,, ,,	29·03	−54·5	Calm	0	b.	0	—	1 h. 45 m. Aurora bright, two curtains in arch form extending from NE to S, upper arc 50° and lower about 35°. Note.—Enough daylight for relaying sledges. Footmarks visible in soft surface for two hours.
,,	14	23 m. on Barrier	28·89	−60·6	E	1–2	b.e.	2	Ci.-St.	Ci.-St. stationary to N; remainder of sky clear. Barrier surface as heavy as sand for sledge runners.
,,	21	4th, 24¾ Barrier	28·79	−65·0	Calm	0	b.	0	—	Aurora seen continually during march.
July, 1911.										
1	9	,, ,,	28·69	−65·6	Light NE airs	1	b.	0	—	Min. Temp. −68·0 F. 14 h. Aurora, curtain form, fairly bright, changing rapidly to SSE, altitude about 60°.
,,	15	25½ m. Barrier	28·73	—	Light var. airs	1	b.	0	—	17 h. 20m. Brilliant aurora from NE to S, altitude about 35°, very varied, general curtain form, also later a well-defined arch form with clearly defined lower edge, sky underneath appearing intensely black.
,,	22	5th, 27 Barrier	28·99	−59·5	Light E airs	1	b.	0	—	

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	°F.						
2	10.30	5th, 27 Barrier	29·28	−59·1	Calm	0	b.c.	3	Ci.-St.	Min. Temp. −64·2° F. Breeze during night with slight drift. 3 h. Wind SSE, force 3. Aurora to SE. curtain form. bright.
,,	16	28½ m. Barrier	29·33	−59·5	Light E and NE airs	1	b.c.	3	Ci.-St.	Light airs lasting to 16 h. when banks of fog formed over neck of peninsula, rising about 30° in altitude: later this dispersed to westwards. Peaks on Ross Island clear.
,,	21.15	6th, 29½ m. Barrier	29·34	−64·0	Calm	0	b.c.m.	4	Ci.-St.	
3	11	,, ,,	29·25	−51·5	Calm	0	b.c.	2	Ci.-St.	Min. Temp. −64·0° F. 12 h. Light ENE airs from slopes of Terror. Clear, fine weather. Barrier surface featureless without sastrugi and as heavy as sand.
,,	17.30	31 m. Barrier	29·13	−57·0	Calm	0	b.c.	2	Ci.-St.	18 h. Much aurora all over sky, principally to E and SE. 19 h. 30 m. Remarkably brilliant auroral display working over from NE to zenith and spreading at one time over two-thirds of sky; curtain form in interwoven arcs, curtains being shaken along as if propelled by wind, the whole finally forming vast mushrooms overhead and moving towards S. Colours lemon, yellow-green and orange.
,,	22	7th, 32 m. Barrier	29·08	−57·7	Calm	0	b.c.	4	Ci.-St.	Ci.-St. over peaks of Ross Island and to SSW.
4	9.30	,, ,,	29·05	−27·0	NE	4	o.s.	10	St.	Min. Temp. −64·4° F. Overcast all day with steady falling snow. Wind force 3 to 4, with occasional gusts from ENE to SE and light breeze from SSE
,,	21.30	,, ,,	29·03	−29·5	ENE	3	o.s.	10	St.	Min. Temp. for day 9 h. 30 m.–21 h. 30 m., −44·0° F. Weather very thick; no march.
5	9	,, ,,	28·85	−54·5	NE	2	c.b.	7	St.	Min. Temp. 21 h. 30 m. to 9 h., −54·1 F. 9 h. Sky clear. Haze over W slopes of Erebus.
,,	14	32¾ m. Barrier	—	−56·0	N	1	c.b.f.	8	St.	17 h. Aurora on E horizon. 18 h. Fog bank worked over lower slopes of Terror.
,,	21	8th, 33½ m. Barrier	28·68	−59·1	Calm	0	b.f.	7	St.	
6	9.30	,, ,,	28·58	−69·2	Calm	0	b.	0	—	Min. Temp. −74·3° F. 9 h. Clear weather, with patches of white haze lying low in places.
,,	12	,, ,,	28·59	−75·8	Calm	0	b.m.	2	St.	16 h. Fog lying over Barrier to E all day. Ross Island clear. A bank of low St. visible behind peaks of Terror and Terra Nova nearly all day, apparently almost stationary.
,,	17.15	34 m. Barrier	28·59	−76·0	Calm	0	b.m.	3	St.	18 h. Aurora curtain to ESE in arch form, fairly low down (about 20°); bright. Note.—The temperatures at 12 h. and 17 h. 15 m. were carefully checked by Dr. Wilson.
,,	21	9th, 35 m. Barrier	28·66	−68·0	Calm	0	b.m.	0	—	Low-lying mist (white) to W and NNW.

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	° F.						
7	14	9th, 35 m. Barrier	29·04	−67·3	Calm	0	b.m.	0	—	Min. Temp. 24 h.–14 h., −74·8° F. 4 h. Brilliant aurora curtains running N and S through zenith from about 50° 14 h. Slight haze, stars, etc., visible. About 16 h. fog obscured Ross Island, working over lower slopes of Terror from E.
"	19.30	35¾ m. Barrier	29·17	−54·9	Light N. airs	1	f.	7	St.	22 h. 22° halo round moon, faint and hazy.
8	1.15	10th, 36⅔ m. Barrier	29·17	−56·7	Light N. airs	1	b.m.f.	7	St.	6 h. 30 m. Fog all over. Stars visible at zenith. Calm. 7 h. 15 m. Lower slopes of Erebus and Terror clearing. Fog clearing to S. Light S air.
"	10.30	" "	29·23	−51·8	SW airs	1	b.f.c.	5	St.	Min. Temp. 1 h. 15 m.–10 h. 30 m., −59·3° F. 10 h. 30 m. Bank of St. to N of Erebus and Terror. Haze to S and fog to E. Stars visible through haze. 22 halo, faint.
"	19.15	37¾ m. Barrier	29·34	−46·5	Calm	0	f.m.b.	7	Ci.-St.	22 h. 22° halo, faint, seen through film of Ci.-St. 19 h. 15 m. to 24 h., land obscured by thick fog.
9	1	11th, 38¾ m. Barrier	29·33	−36·2	N	2	o.f.	10	St.	1 h. and later. Slight snowfall; light variable airs. Thick foggy weather.
"	13.30	" "	29·13	−28·7	Calm	0	o.f.	10	St.	Min. Temp. 1 h.–13 h. 30 m., −36·6° F. 13 h. 30 m. Gloomy; moon invisible and all objects obscured by thick fog.
"	19	39¾ m. Barrier	29·06	−29·0	SW	1	o.f.s.	10	St.	During afternoon march noticed slight difference in character of surface. The snow having been acted on more by wind than hitherto. Surface harder, with occasional suspicion of small sastrugi. 19 h. Thick foggy weather with snowy mist. Occasional light puffs of breeze from SW, otherwise calm.
"	24	12th, 40½ m. Barrier	28·99	−26·5	Calm	0	o.s.f.	10	St.	24 h. Camped on finding ourselves on or about pressure ridges. Calm, snow falling, nothing visible. Some hours after midnight it commenced to blow strong from S or SW. Noise of ice pressure in vicinity of and beneath camp.
10	12	" "	28·83	−23·5	SSW	5–8	o.s.	10	St.	Min. Temp. Midt.–Noon, −24·0° F.
"	23	" "	28·75	—	SW by S	5–6	o.f.s.	10	Ci.-St., St.	20 h. Wind gusty with considerable snowfall; all objects obscured at short distance. The snow collected around camp appears to be more due to falling than drift snow. Moon visible through high Ci.-St. Lower St. moving rapidly across moon's face from SSW direction.
11	10	" "	28·54	7·3	SW	5·9	o.s.	10	St.	Min. Temp. 23 h.–10 h., −3·8° F.

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	° F.						
11	12	12th, 40½ m. Barrier	28·53	—	SW	5–7	o.s.	10	St.	Wind coming away intermittently in very strong gusts, falling light in intervals. Pressure noises in surrounding ice continued to be heard from time to time. Considerable snowfall. It appears that this camp is sheltered by one or two low-pressure ridges from the main force of the blizzard which sweeps into the hollow at force 9 only at rare intervals. The snow is a deposit and not much wind-driven. There are practically no sastrugi to be seen.
,,	20	,, ,,	28·52	6·3	SW	3–5	o.c.	10	Ci.-St., St.	Min. Temp. 12 h.–20 h., 2·7° F. 20 h. Wind abated considerably and less snow, though gusty occasionally. Sky broken up and E and NE showing moonlight through clouds. Fog partially dispersed. Some features on Terror discernible. Still thick to S and SW.
12	6	,, ,,	—	—	SW	10	o.q.s.	10	St.	20 h.–6 h. Wind increased to force 10 from time to time during night in heavy squalls, with much snow and violent gusts. Min. Temp. 20 h.–9 h. 30 m., —7·6° F.
,,	10	,, ,,	—	2·4	SW	3–5	c.s.	9	Ci.-St., St.	Sky breaking, lower clouds moving fast from S.
,,	12.30	,, ,,	28·63	—	S by W	2–4	c.	8	Ci.-St. St.	12 h. General improvement. High film of Ci.-St. over sky above much detached St. 12 h. 30 m. Lower clouds from S. Afternoon, squalls up to force 9 from time to time with drift.
,,	19.30	,, ,,	28·69	—2·8	SW	4–8	c.b.s.	7	Ci., Ci.-St., St.	19 h. 30 m. Upper clouds radiating SSW to NNE; lower clouds from S. Blue sky visible at intervals overhead. Much Ci.-St. with low St. over Terror. Clearer to S. Double corona round moon about 10° across (outside diameter); inner ring from lightest yellow to purple with orange predominating; outer ring chiefly faint orange. Min. Temp. 13 h. 30 m.–19 h. 30 m., —3·0° F. Occasional squalls over force 10.
,,	22	,, ,,	28·74	—	SW	4–6	c.b.q.s.	7	Ci.-St., St.	22 h. Wind falling to force 4 between squalls, longer lulls. Pressure noises in ice considerable.
13	4	,, ,,	—	—12·2	E	2	b.c.	5	Ci.-St.	About 3 h. SW breeze ceased, giving place to light variable airs from E. Clear sky with Ci.-St. to S and SW, proportion 5.
,,	6	,, ,,	—	—18·0	Variable	1	b.c.	4	Ci.-St.	Min. Temp. 22 h.–6 h., —22·0° F. 6 h. Ci.-St. to W, SW, and S, practically stationary; clear sky to N and E. Variable airs from W. N, and NE.
,,	9.20	,, ,,	28·73	—21·8	NE	1	b.c.	4	Ci., Ci.-St.	11 h. 30 m. Considerable daylight to N. Ci. to N much coloured (orange) by sun's rays. Small amount of Ci.-St. over Ross Sea to E of Cape Crozier; dispersed about noon, leaving clear sky to N.
,,	15	44⅔ m. Barrier	28·64	—	NNE	3	b.c.	3	Ci., Ci.-St.	15 h. Ci.-St. to S. and SW. Lunar corona (double); in inner ring orange well marked and between rings blue and blue-green greatly predominating; on inside of outer ring yellow replaced by green merging into deep orange.

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	° F.						
13	22	13th, 48 m. Barrier	28·52	−28·4	Calm	0	b.c.	3	Ci., Ci.-St.	Ci. and Ci.-St. to SE and E. Lunar corona, double rings, orange and blue-green predominating. Note.—When crossing tops of ridges off Mt. Terror it was found that a light breeze coming down the mountain's side struck along the top of the ridges and flowing each way caused a NE breeze on one side and a SW breeze on the other.
14	2	,, ,,	—	—	SSW	3	o.c.	10	St.	2 h. Moonlight visible through layer of low St. spreading across sky. Peak of Terror obscured. Gentle SSW breeze.
,,	8.30	,, ,,	28·54	−17·4	N	1	o.c.s.	10	St.	8h. 30 m. Overcast and gloomy, with slight snowfall. Sky overcast with very low St.; moon obscured. 12 h. Low St. moving along slopes of Terror slowly from S and SW. Much fog lying to N and over Barrier to E. Fog apparently moving slowly from NW from seaward. St. overhead thin, with stars and moonlight showing through at intervals.
,,	15.20	50¾ m. Barrier	28·62	−24·1	Light Variable Airs	0–1	c.f.	8	St.	18 h. St. worked slowly over from N. Moon showing double corona through Ci.-St. and A.-St.; colours of corona, orange best in both rings, blue predominating. 16 h. 45 m. Aurora to NE, low, perpendicular shafts, bright. Low St. from S and W.
,,	22.30	14th, 53½ m. Barrier	28·73	−24·0	SSW	3	o.f.s.	10	St.	22 h. 30 m. Moon, etc., not visible: fog, mist, and snow working up chiefly from S. Southerly breeze freshening. Weather thick and threatening in appearance.
15	10.30	,, ,,	28·83	−19·2	SSW	3	c.f.s.	8	Ci.-St., St.	Min. Temp. 22 h. 30 m.–10 h. 30 m.,—34·0° F. 2 h. Fog and snow obscuring everything within 30 yards of camp. Snowfall slight. Breeze S.W., force 4. 10 h. 30 m. Weather foggy, but clear sky overhead and Terror Peak visible. Bank of fog running from Knoll SE over pressure ridges. Much Ci.-St.
,,	16.15	55 m. Barrier	28·65	−13·0	SW	4	c.f.	7	Ci., Ci.-St., St.	12 h. Paraselena partially visible through St. moving up from S. 17 h. Aurora, bright, slight glow to NE.
,,	20.15	15th, 56¼ m. Barrier (Over 700 ft. high)	28·32	−19·5	SW	1	b.c.	3	Ci.-St.	19 h. 30 m. Paraselena, one mock moon, coloured, perpendicular ray below moon.
,,	24	,, ,,	—	−19·2	Calm	0	b.	0	—	
16	8.45	,, ,,	28·23	−24·3	Calm	0	b.	0	—	Min. Temp. 24 h.–8 h. 45 m.,—28·0° F. Clear, fine weather. Aurora, faint curtains to NE and E. 14 h. Ci.-St. and haze forming slowly. Later breeze came away from S with St. and fog.
,,	17.40	,, ,,	28·27	−24·5	SSW	3–5	c.f.b.	6	St.	20 h. Breeze fell light. 22° halo, white without mock moons, seen through thin Ci.-St.
,,	24	,, ,,	—	−20·3	SW	1	b.c.	5	Ci.-St., St.	

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10)	Kind.	
July, 1911.			Inches.	° F.						
17	3	15th, 56¼ m. Barrier (over 700 ft. high)	28·28	−22·8	Calm	0	o.	10	Ci.-St., St.	Dull cloudy sky. Clouds apparently stationary. 6 h. 22° halo, partially visible through clouds.
,,	12	,, ,,	28·37	−19·5	SW	3	c.m.	8	Ci.-St., St.	
,,	18.30	,, ,,	28·44	−21·6	SSW	3	b.c.	7	Ci.-St., St.	
18	6	,, ,,	28·57	−26·8	SSW	4–5	b.c.	4	Ci.-St., St.	22° halo round moon.
,,	9	,, ,,	28·58	−26·0	SSW	5	b.c.	4	Ci.-St., St.	22° halo, faint, no mock moons. 12 h. Unable to complete work on igloo owing to stiff cold breeze on summit of ridge.
,,	16	,, ,,	28·59	—	SSW	4–5	b.c.	2	St.	
19	3.10	,, ,,	—	−31·0	Calm	0	b.c.	3	Ci.-St., St.	
,,	9.30	,, ,,	28·42	−32·7	Calm	0	b.	0	—	Min. Temp. 3 h.–9 h. 30 m., −36·5° F. 5 h. 30 m.–9 h. 30 m. Aurora, bright to N and E through NE, curtain form with shafts, altitude 15°.
,,	16.30	,, ,,	28·37	−29·5	SW	2	b.c.	3	Ci.-St.	Light SW breeze down snow slopes between Moraine and Knoll; probably flow of cool air towards sea. During day among pressure ridges a light S breeze continued, freshening towards evening. Clear sky, and cloud amount never more than 3. Ridges did not admit of approach to sea-ice. Heard emperor penguins in rookery.
20	3	,, ,,	—	−27·8	S	2	b.c.	2	Ci.-St.	3 h. Bright auroral shafts and curtain over Barrier to E and ESE: bright glow to NE. Light continuous breeze down snow slope. Completed igloo.
,,	9	15th, 56¼ m. Barrier (Terror Igloo)	—	−26·5	SSW	3	b.c.	3	Ci.-St., St.	During day among pressure ridges S breeze felt at all exposed parts and also in hollows under rock cliffs. Found penguin rookery on sea-ice sheltered from S winds. Much broken ice near cliffs. 15 h. 30 m. Clear sky with little Ci.-St. to N.
,,	17.30	,, ,,	28·43	−22·8	SW	4	b.c.	5	Ci.-St., St.	17 h. 30 m. Breeze freshening. St. spreading over.
,,	20	,, ,,	—	−23·5	S by W	6	b.c.	6	St.	Breeze freshening and St. moving rapidly from S. Clear sky over sea-ice to NE, with auroral light in that direction, faint.
21	8	,, ,,	—	−19·9	S	3	o.c.	10	Ci.-St., St.	During night wind increased to force 8, falling towards 6 h. to 5.
,,	12	,, ,,	—	—	S	2	o.m.	10	St.	Dull, misty day, occasional breaking of sky to S and SE, but general thick appearance, with St. moving up rapidly.
,,	19,30	,, ,,	—	−23·2	Light S Airs	1	c.b.	8	St.	St. from S. Unsettled weather. Secured hut and pitched tent to leeward on ridge. Banked up all. Blubber stove in tent.

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True.)	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	° F.						
22	6.30	15th, 50¼ m. Barrier (Terror Igloo).	—	—	SSW	9–10	o.	10	St.	3 h. Commenced blowing heavily from S, with little drift. 6 h. 30 m. Heavy drift and wind in strong gusts. Tent blown away. Blizzard continued with unabated fury all day. Collapse of blubber stove.
23	9	,, ,,	—	—	SSW	11	o.	10	St.	Wind blowing with almost continuous storm force, very slight lulls, followed rapidly by squalls of great violence. About 12 h. roof of hut carried away. Storm continued with unabated fury all day. Not much drift. 23 h. Knoll visible. Heavy squall in V-shaped cloud over Knoll.
24	6.30	,, ,,	—	—	S	2	c.b.	7	St.	After midnight squalls interspersed by short lulls to force 9 about.
24	10	,, ,,	—	—	S	3	c.b.	8	Ci.-St., St.	Found tent and replaced it on previous site (15th camp). 12 h. Dull, cloudy and unsettled appearance of weather to S.
,,	18	,, ,,	28·73	−12·0	SSW	2	b.c.	4	St.	Light to gentle breeze all day.
25	12	,, ,,	—	−15·3	SSW	4	c.b.	6	Ci.-St., St.	9 h. Clouds moving moderately from S. Thick and misty on Barrier to S and SE. 12 h. Breeze freshening.
,,	15	1st Return Camp, ¾ m.,	—	−17·0	SSW	8	o.c.	10	St.	14 h. Breeze freshened to fresh gale, later to force 9, and continued thus for about 10 hours, easing up towards morning.
26	11	,, ,,	—	−21·0	S	2–4	b.c.	5	Ci.-St., St.	Wind fell light; sky cleared.
,,	21	2nd, 4½ m.	29·38	−44·5	Calm	0	b.	0	—	Among pressure ridges. Bright aurora low down to E, curtain and arch form.
27	9	,, ,,	29·41	−44·8	Light S Airs	0–1	c.b.	5	St.	Clouds moving slowly over slopes of Terror from N.
,,	17	9½ m.	—	−44·5	Calm	0	b.	0	—	About 19 h. long, low, bright aurora extending over eastern horizon, altitude about 15°, no shafts.
,,	21	3rd, 11¾ m. (Terror Slopes)	29·21	−46·5	Calm	0	b.	0	—	Note.—Crevasse among ridges a.m. 3rd camp on Terror slopes.
28	8.30	,, ,,	29·23	−46·7	Calm	0	b.	0	—	Min. Temp. 21 h.–8 h. 30 m., −48·8° F.
,,	15	15¾ m. (Terror Point)	—	−39·8	Calm	0	b.c.	2	Ci.-St.	Bright fine weather. Peak of Terror clear all day, also peak of Erebus from time when first seen.
,,	20	4th, 18½ m.	29·16	−37·5	ESE	3	b.c.	3	Ci.-St.	
29	5.30	,, ,,	29·32	−41·5	Calm	0	b.c.	3	Ci-St.	Min. Temp. 20 h.–5 h. 30 m., −45·6° F.
,,	14.30	22 m.	—	−43·3	E	2	b.c.	3	Ci.-St.	15 h. Ci.-St. formed in parallel lines over peak of Erebus.

TABLE 69. REGISTER OF WINTER JOURNEY TO CAPE CROZIER AND BACK.

June 27th to August 1st, 1911.

Time.		Position (No. of Camp, etc.).	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
July, 1911.			Inches.	° F.						
29	21	5th, 25⅛ m.	29·18	−44·8	Light E Airs	1	b.e.	2	Ci.-St.	Bright aurora over Barrier to E.
30	9	„ „	28·98	−64·3	Calm	0	b.e.	3	Ci.-St.	Min. Temp. 21 h.–9 h., −65·5° F. 3 h. Brilliant aurora, variegated curtains at altitude of about 30° to 60° extending from NE to about SSW; faint shafts to SW; orange and green well defined and much motion in rays.
„	15	29 m.	—	−62·2	Calm	0	b.e.	3	Ci.-St.	During p.m. light E to NE airs from time to time. Ci.-St. over Mt. Terror in lateral lines, one parallel to the other, very clearly defined and changing very slowly. 16 h. aurora to E.
„	20.30	6th, 32½ m.	28·99	−60·8	Light E Airs	1	b.	0	—	
31	9	„ „	29·21	−56·5	Calm	0	b.c.	2	Ci.-St.	Min. Temp. 20 h. 30 m.–9 h., −61·9° F. Brilliant aurora during night: 21 h. 30 m. altitude about 30° across E to SE sky: curtain form with much colour. 3 h. altitude about 90° and curtains covering sky from N to SSW.
„	15	38 m. (Edge of Barrier)	—	−42·5	Light E Airs	1	b.e.	4	Ci.-St.	13 h. Ci.-St. forming to N and moving over from that direction slowly. Temperature at Barrier edge −44·5° F. 16 h. Considerable amount of Ci.-St. spread over from N and apparently dispersed to S and SSW.
„	22.30	41 m. (Hut Point)	29·34	−26·5	Calm	0	b.e.	4	Ci.-St.	A light air off the edge of Barrier was found as before, probably surface cold air flowing on to sea-ice. N.B.—Only about 6 inches of snow on sea-ice. On approaching Gap a considerable rise of temperature was noticed. Temperature on arrival at Hut Point found to be −26·7° F. 21 h. Aurora visible through Gap, arch with perpendicular shafts rising therefrom to altitude of about 35°. Sky cleared later.
August, 1911.										
1	3.30	„ „	—	−26·8	ESE	6–7	b.c.	—	—	Min. Temp. 22 h. 30 m.–6 h. 30 m., −27·3° F. 3 h. 30 m. Strong breeze. Auroral light to S and slightly visible through Gap. 6 h. 30 m. Breeze falling light.
„	8	49 m. (End of Glacier Tongue)	—	−27·5	Calm	0	b.e.	3	Ci.-St.	8 h. Calm and clear. 11 h. A stiff N breeze suddenly came away off Hut Point, falling rapidly on land being cleared, force 4 to 2.
„	17.30	Cape Evans	—	−30·5	S	1	b.	—	—	During hours of daylight remarkable iridescent clouds to N, general colour opal. 21 h. (about) off Inaccessible Island met N breeze, force 3, which continued till arrival at Cape Evans.

TABLE 70. REGISTER OF PARTY FROM HUT POINT TO CORNER CAMP AND BACK.

September 9th to 15th, 1911.

Observer : E. R. G. R. Evans.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45° F.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks
Day.	Hour.				Direction. (True).	Force. (0–12)		Amount. (0–10)	Kind.	Direction from		
										Upper.	Lower.	
September, 1911.			Inches.	° F.								
9	16.20	Hut Point (77° 50′ S, 166° 58′ E)	29·13	−20·5	Light NE Airs	—	b.c.m.	3	Ci., Ci.-St.	—	—	Parhelion.
,,	23	2¼ m. WNW of Safety Camp	29·08	−41·5	Light ENE Airs	—	b.c.m.	—	—	—	—	
10	8	,, ,, ,,	29·17	−36·0	E	3	b.c.m.	7	St., Ci.-St.	—	—	Min. Temp. −44·5° F. At 10 h. wind increased to force 5 with low drift. 13 h. Calm, sky clear to E. Between 2 h. and 3 h. White Island became hidden by St.
,,	15.30	Safety Camp (77° 54′ S, 167° 17′ E)	29·15	−40·5	Light E Airs	1	b.c.m.	7	Ci.-St., St.	—	E	
,,	21	5 m. ESE of Safety Camp	29·15	−44·7	Light E Airs	—	o.m.	10	St.	—	—	
11	7.50	,, ,, ,,	29·05	−57·7	Calm	0	o.m.	10	St.	—	—	Min. Temp. −61°·3° F.
,,	14	10·5 m. ESE of Safety Camp	28·96	−42·5	W by S	3	b.c.m.	7	Ci.-St., St.	—	—	Ci.-St. radiating from SE by E. 19 h. Wind freshened from W by S with low drift.
,,	20.45	6.5 m. WNW of Corner Camp	28·91	−34.0	SW by S	6–7	o.g.	10	St.	—	—	
12	10	,, ,, ,,	28·88	−18·5	SW	3	o.m.	10	St.	—	—	Min. Temp. −39·5° F. Pillar cumulus cloud over the Bluff. Blizzard September 11th-12th throughout night. Wind decreasing to force 5 at 8 h., but still drifting.
,,	11	,, ,, ,,	—	—	SW	6	o.	—	—	—	—	At 17 h. blue sky (4) visible through thin haze overhead. Drift.
,,	20.30	1½ m. NNE of Corner Camp	28·85	−45·5	SSW	4	o.m.	10	Ci.-St., St.	SW	SW	
13	5.40	,, ,, ,,	28·81	−57·5	SW	2–3	b.c.m.	5	Ci.-St., St.	—	—	Min. Temp. −72·3° F. 7 h. 30 m. A series of squalls of force 5 and 6 came up from S. These only lasted a few minutes. A low mist is over the Barrier and no land is visible. Overhead blue sky. At 8 h. unable to see horizon owing to mist.
,,	Noon	Corner Camp (77° 54′ S, 167° 17′ E)	28·82	−33·5	S	3	b.m.	4	St.	—	S	Low fog near horizon but quite clear overhead. Snow drifting from 12 h. 30 m. to 17 h. when shifted camp.
,,	16	,, ,, ,,	28·83	−31·7	SW by S	5	o.	10	St.	—	—	When four miles from Corner Camp wind dropped. Drift.
,,	22.30	9·5 m. WNW of Corner Camp	28·77	−42·0	Calm	0	b m.	5	St.	—	—	
14	19	Hut Point	28·85	−21·5	SE	5–6	b.q.m.	4	St.	—	—	Low drift. At 3 h. Aurora, with three curtains, seen over Erebus and Terror.
15	9	,, ,,	29·07	−42·0	SE	1	b.c.	3	St., Ci., Ci.-St.	—	SE	Ci.-St. radiating from SE.

TABLE 71. REGISTER OF JOURNEY TO WESTERN MOUNTAINS.

September 15th to 28th, 1911.

Observer: G. C. Simpson.

Time.		Position (Adjusted sledge meter readings).	Barometer (Aneroid) reduced to 32 F., and Gravity at 45°.	Dry Bulb.	Wind.		Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).	Amount (0–10).	Kind.	
September, 1911.			Inches.	°F.					
15	13	5½ miles from Cape Evans	28·96	−36·5	Calm	0	8	Ci.-St., St. to N.	Ci.-St. radiant E and W. Cross sastrugi well marked SE and E by S. 22° halo with horizontal mock suns. Well-marked Fata Morgana.
,,	19·15	12 miles from Cape Evans	29·06	−27·5	Calm	0	10	Ci.-St., St.	Heavy looking towards North. Sastrugi not clearly marked ESE.
16	9	,, ,,	29·06	−30·0	NNW	1	4	Ci.-St., St.	Very thin Ci.-St., with little St. in E.
,,	13·15	20 miles from Cape Evans	29·12	−30·7	Calm	0	6	Ci.-St.	22 halo faintly visible. Sastrugi S by E and E by S, formed generally like small herring bone.
,,	19·30	25 miles from Cape Evans	29·10	−26·0	Calm	0	5	Ci.-St.: A.-Cu.	During the afternoon from 16 h. to 18h. a breeze, force 3, blew from S with little drift.
17	9	,, ,, (Butter Point)	29·05	−22·0	S	1	2	Ci.-Cu.	Sastrugi SSE and ESE. Min. Temp. −27·0° F.
,,	12	29 miles from Cape Evans (Foot of Ferrar Glacier)	29·05	−14·5	S Blowing down glacier	4	1	Ci.	Little surface drift; wind has only just risen.
,,	20	37 miles from Cape Evans	29·01	−35·0	,,	1	2	Ci.-St.	
18	9·25	,, ,,	28·81	−34·0	,,	1	5	Ci., Ci.-St.	Min. Temp. −40·0° F. Halo on snow.
,,	12·45	43 miles from Cape Evans (Under Sentinel Rock.)	28·77	−35·0	,,	1	8	Ci., Ci.-St.	
,,	19·30	49 miles from Cape Evans	27·96	−30·0	,,	3	9	Ci.-St.	Wind been blowing down glacier all afternoon. Mt. Erebus clear over layer of St. cloud.
19	9·15	,, ,,	28·26	−22·0	,,	1	10	Ci.-St.	Min. Temp. −35·0° F. Erebus clear over layer of St. cloud.
,,	12·40	54 miles from Cape Evans (Cathedral Rock)	27·45	−23·0	,,	2	8	Ci.-St.	At about 14 h. a similar down glacier wind to those of last two days rose at 17 h., force about 3 to 4. At about 18 h. this rose to force 5 to 6.
,,	21	55 miles from Cape Evans (Near Cathedral Rock)	27·38	−15·5	,,	5	1	—	Sky appears clear except for ragged clouds at head of glacier. Little surface drift. St. clouds over Sound.
20	8·45	,, ,,	27·35	−17·5	,,	2	8	Ci., St., Ci.-St.	Min. Temp. −27·0° F. Weather looking dull over the Sound, and dark clouds remain at head of valley. Ci. from SE.
,,	14·30	,, ,,	27·44	−13·5	,,	2	6	Ci.-St.	Weather clear over Sound.
,,	19·30	,, ,,	27·48	− 6·5	,,	1	0	—	Some fog-like clouds over mountains at head of valley. Clear over Sound.
21	8	,, ,,	27·50	−19·5	,,	0	10	Fog	Fairly thick fog, which hides all the valley sides. Min. Temp. −23·0° F.
,,	13·20	63 miles from Cape Evans (Opposite overflow N end of face of Ferrar Glacier)	29·31	−15·5	,,	2	8	Ci., Ci.-St.	

TABLE 71. REGISTER OF JOURNEY TO WESTERN MOUNTAINS.

September 15th to 28th, 1911.

Time.		Position (Adjusted sledge meter readings).	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb.	Wind.		Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).	Amount (0–10).	Kind.	
September, 1911.			Inches.	°F.					
21	19.30	73 miles from Cape Evans	29·58	−18·5	Calm	0	10	—	Fracto-Cu. clouds at head of valley. Haze over whole sky. To-day as we marched down the glacier there was at first a fairly thick mist. As this cleared away and the sun shone through there was a large corona (diameter could not be measured). The mist must have been composed of ice crystals, as the temperature was −15·5 F., but the crystals were so minute that they could not be seen. As the mist cleared, all that remained was a St. cloud along the hillside. This showed bright iridescent colours, which were arranged parallel to the side of the cloud, and certainly were not parts of circles round the sun. For a few minutes corona and iridescent colours could be seen at the same time. During the afternoon there was a heavy Stratus cloud covering the whole of the eastern side of the Sound. In the valley the air was calm, and overhead were thin Ci.-Cu. and A.-Cu., with some Ci.-St. showing white on a deep blue sky. These were moving from some southerly direction. Mt. Lister was covered in cloud, and a heavy Cu. cloud occupied the head of the valley. Between 16 h. and 17 h. three or four large bulbs of Cu. clouds rose above the St. cloud over the Sound. These rose into the clear sky above the Stratus, where they obviously met another stratum of air through which they could not rise, and then spread out horizontally. There were whale-back clouds to south of Erebus. The Ross Island mountains did not show above the clouds.
22	9	,, ,,	29·72	−25·5	Calm	0	1	St.	Min. Temp. −34·0° F. Mt. Erebus shows over bank of clouds and there are Ci.-St. clouds above it.
,,	13	77 miles from Cape Evans (Sea level between Ferrar and Dry Valley)	29·76	−16·5	Calm	0	9	Ci.-St.	
,,	20.30	85 miles from Cape Evans (Cape Bernacchi)	29·73	−20·5	Calm	0	8	Ci.-St.	Sastrugi in mouth of Dry Valley indicate up and down valley winds. Off Cape Bernacchi no definite sastrugi.
23	9	,, ,,	29·49	−12·5	Calm	0	0	—	Min. Temp. −22·0° F.
,,	13	89 miles from Cape Evans (Sea ice N of last camp)	29·37	− 8·5	Calm	0	1	—	During the afternoon march a light wind blew from the land to the West, appearing to come down the valleys, and caused a light surface drift. Later on, at about 16 h., the wind suddenly changed and blew with force 3–4 from the S, also causing surface drift, but more than before. I do not think the current of air extended very high. The wind gradually died away as the evening advanced. The sky was mainly cloudless, but there was a fairly thick layer of Ci.-St. to the West.
,,	21.15	97 miles from Cape Evans (N of last night camp)	29·20	− 5·5	Calm	0	7	Ci.-St.	
24	9	,, ,,	28·97	−18·5	Calm	0	3	Ci.-St.	Min. Temp. −21·0 F.
,,	12.30	101 miles from Cape Evans (Dunlop Island)	28·83	−15·5	Calm	0	10	Fog	During morning fog came up from North. Extending first down eastern side of Strait, it reached us at 11 h. Cannot determine whether fog is water or ice.

TABLE 71. REGISTER OF JOURNEY TO WESTERN MOUNTAINS.

September 15th to 28th, 1911.

Time.		Position (Adjusted sledge meter readings).	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb.	Wind.		Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).	Amount (0–10).	Kind.	
September, 1911.			Inches.	°F.					
24	19	112 miles from Cape Evans (Near broken glacier tongue)	28·79	−21·0	Calm	0	2	Low St.	The fog which enveloped us at 11 h. continued into the evening. During the afternoon march a fine fog-bow appeared. It was opposite the sun, and a measurement of the radius gave 38°. The bow was practically white, but a reddish tinge could be seen on the outer side. Within this arch the sky appeared whiter than outside the ring, but just within the arch the sky was nearly as blue as outside, so that there appeared to be a second arch within the main one. When the arch was at its brightest the reddish colour on the outside was clearly visible, and one could imagine that other colours were present, but one could not be certain of this. During this period the sun shone faintly through the fog, brightening up the fog in its neighbourhood, but no colours or rings were visible. As the fog cleared the upper sky became clearer, and the sun shone through the upper thin fog with a heavier bank of fog below. For some minutes the sun had a brilliant corona, with bright colours, and the diameter of this corona seemed unusually large, but there was no opportunity to make a measurement. As the fog still further cleared away glimpses of the corona appeared again, and the fog under the sun became fairly brightly illuminated with irideseent colours, which did not appear to be part of the corona, but in places blended into it. During the whole period the temperature was between −15·5° F. and 21·0° F. The fur of the sleeping-bags and the wool of sweaters became covered with hoar-frost.
25	8.40	114 miles from Cape Evans	28·74	−11·5	Calm	0	10	St.	
,,	12.40	119 miles from Cape Evans (Lunch camp)	28·75	− 9·5	NW	2	10	St.	Little clear sky in W and NW.
,,	21	131 miles from Cape Evans (Floe camp)	28·80	− 6·5	Light Airs	—	10	St.	
26	8.30	,, ,,	28·79	− 0·5	S	2	7	St. and Fr.-Cu.	Min. Temp. −8·5° F. Appears to be drifting in East of Sound. Lower clouds from S.
,,	12	133 miles from Cape Evans (2nd Floe camp)	—	+ 3·5	ESE	6	10	—	Blizzard and drift. Went into blizzard camp.
,,	21	,, ,,	28·77	− 3·5	ESE	8	10	—	Thickly overcast, no drift. Dark on eastern horizon, but land visible ; land to West not visible. Drift ceased during afternoon.
27	10.30	,, ,,	28·86	—	SE	6	10	—	Wind blew very hard (force 10) during night. Little drift. Snowing.
,,	12.30	,, ,,	28·89	− 8·5	SE	6	10	—	Snowing. Little drift.
,,	20.30	,, ,,	28·95	− 9·5	SSE	4	10	—	Sky clearing. No drift.
28	9.30	,, ,,	28·95	−17·5	SSE	3	4	Ci.-St.	
,,	14	142 miles from Cape Evans (Lunch camp)	28·95	−12·5	SSE	7	3	Ci.-St.	Very little surface drift.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Observer: H. R. Bowers.

Time.		Position.			Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction. (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	° F.								°F	
3	7	—	—	—	29·45	5·3	Light N and NE	1	o.b.	9	Ci.	NNW	—	—	Blue sky showing through Ci. in places and generally visible all over sky.
,,	14	1st (11 miles from Hut Point)			29·40	20·3	Calm	0	o.b.	8	Ci.	NW	—	—	Light W airs at times. Ci. in long streaks from radiant points.
,,	19	,,		,,	29·32	2·7	NE	1–2	o.b.	9	Ci., Ci.-St.	NW	—	—	Ci.-St. to N and NE and radiant points less marked.
4	6.30	—	—	—	29·23	− 8·3	S	2	c.b.	8	Ci., Ci.-St.	—	—	− 9·7	Sun obscured from time to time by Ci.-St. Heavy mirage on Bluff.
,,	13.15	—	—	—	29·51	6·5	N	1	o.	10	Ci., Ci.-St.	—	—	—	Tops of Ross Island obscured. No mirage. Bluff and Knoll clear. Southerly breeze force 3 fell noon. Slight drift. Sun visible through clouds.
,,	20	2nd (21 miles from Hut Point)			29·60	2·1	Calm	0	o.(b.)	10	Ci., Ci.-St.	WNW	—	—	Sun visible through Ci. All peaks clear. During march 22 halo, with suspicion of orange colour inside, visible in Ci. with light patches on either side of sun in places of mock suns.
5	5.30	3rd (Corner Camp)	—	—	29·56	10·5	N by E	2	o.(b.)	8	Ci.	E	—	—	10 h.: Wind force 3 from WNW, later from NNW falling to 2.
,,	16	,,	—	—	29·56	13·7	NNW	3	b.c.	6	Ci.	N	—	—	After 16 h. land and peaks clear. Mirage to S.
,,	19.30	,,	78 2	—	29·51	3·5	Calm	0	b.c.	6	Ci., Ci.-St.	N	—	—	Midt.: Barrier fog from S.
6	6.30	4th	—	—	29·36	− 3·0	S	4–5	o.	10	A.-St., St.	—	—	—	2 h.: Light S breeze. Fog lifted. Double corona round sun with much blue and violet between rings. Clouding over Ross Island: Bluff clear.
,,	15	,,	—	—	29·31	3·7	S	6–7	b.c.	8	Ci.-St., A.-St., St.	—	—	—	4 h. 45 m.: Low drift towards White Island and Bluff. A.-St. and St. banking up to SE and ESE. Bluff clear. Parhelion, mock suns with colours.
,,	20	,,	78 12	—	29·30	2·5	S	7	o.c.	10	St.	N	—	—	White Island and Bluff visible and Castle Rock. Blue sky at times through detached St. Drift.
7	0.30	,,	—	—	29·29	1·7	S by E	6	c.b.	8	St.	NW	—	—	Midt.: Very little low drift. Sky breaking. St. apparently radiating from SE.
,,	9.15	,,	—	—	29·34	9·0	S	8	o.s. ↓	10	St.	—	—	—	Considerable drift. Wind force increasing. Peaks on White Island visible.
,,	16.30	,,	—		29·41	10·6	S	4	o. ↓	10	St.	—	—	—	Very slight drift. Heavy St. everywhere.
,,	22.45	,,	—	—	29·40	7·7	S	3	o.	10	St.	—	–	—	23 h.: All peaks save Bluff obscured. Breeze decreasing. Heavily overcast.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	°F.								F.	
8	Noon	5th	—	—	29·39	13·5	Light S Airs	0–1	b.c.	7	Ci.	—	—	—	2 h.: Wind S force 3. St. (10). Sun visible. 22° halo. 10 h.: Iridescent clouds (?).
,,	17.30	,,	—	—	29·32	9·8	Calm	0	b.c.	8	Ci.-St., Ci.	Radiating E and W	—	—	22° halo, orange colour inside.
,,	22.45	,,	78 23	—	29·22	0·0	Calm	0	b.c.	7	Ci.-St.	St., SSW	—	—	Fine and clear. Sastrugi S by W. Midt.: Light S by W breeze. Fine and clear. Mirage of Barrier, not Bluff.
9	9.30	6th	—	—	29·12	11·5	S by W	3	b.c.	4	Ci.	—	—	—	
,,	14.15	,,	—	—	29·09	13·1	S by W	4–5	b.c.	8	Ci., Ci.-St., St.	—	—	—	Ross Island and Mt. Discovery obscured. Low drift at times and unsettled overhead.
,,	20.45	,,	—	—	29·08	1·7	S by W	4	o.	10	Ci.-St., St.	—	—	—	Heavy St. working out from land.
,,	Midt.	,,	78 33	—	—	0·5	S by W	5	o.q.	10	St.	—	—	—	Landmarks obscured, weather threatening.
10	8.30	7th	—	—	29·20	0·7	S by W	4–5	o.	9	Ci., Ci.-St., A.-St., St.	—	—	—	Slight drift. Very black to S. A.-St. apparently moving from N. Sun visible and blue sky in zenith.
,,	16	,,	—	—	29·26	2·5	S by W	6	o.s.	10	Ci.-St., St.	—	—	—	Much snow to S. Sun visible through Ci.-St. (9) and unsettled. Drift.
,,	Midt.	,,	78 42	—	29·26	0·6	S	2	o.	10	Ci.-St., St.	—	—	—	Clearing to S. Very dark on horizon to N. No landmarks.
11	9.45	8th	—	—	29·21	9·7	E by N	3	o.s.	10	A.-St., St.	—	—	—	4 h.: Clear to S. Snow clouds working up from N and ENE. 9 h. 45 m.: Fine s. Sun just visible. All landmarks obscured.
,,	15.30	,,	—	—	29·19	13·4	NNE	4	o.m.	10	Ci.-St., A.-St.	A.-St., NE	—	—	Blue sky showing through Ci.-St.: hazy round horizon; unsettled.
,,	Midt.	,,	78 51	—	29·18	0·7	NE	1	c.m.b.	7	A.-St., St.	—	—	—	Blue sky to SE and S; hazy horizon: much St. to N; no landmarks. Halo and snow crystals.
12	9.30	9th	—	—	29·21	8·6	ENE	3	o.c.m.s.	10	Ci.-St., A.-St., St.	St., NE	—	—	During night march s. and wind force 4. No sun or landmarks. St. from NE. 9 h. 30 m.: Sun visible and blue sky through Ci.-St. Breeze steady. Heavy deposit of snow on surface. Weather improving. Hazy on horizon.
,,	15.30	,,	—	—	29·24	12·1	ENE	4	o.m.s.	10	A.-St., St.	NE	—	—	Wind force 5 at times. s. and very misty. Sun just visible.
,,	20.15	,,	—	—	29·25	10·3	ENE	4	o.s.	10	St.	—	—	—	Thick s.; heavy misty overcast weather, nothing visible.
,,	Midt.	,,	79 1	—	29·26	7·4	ENE	3	o.m.s.	10	St.	—	—	—	Breeze falling slightly; heavily overcast. s. Sun just visible.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	° F.								°F.	
13	9.45	10th	—	—	29·31	5·0	E	1	o.m.	10	Ci., A.-St., St.	—	—	—	3 h.-6 h.: Wind E and E by S, force 3-4, with flaky snow. No sky line; very thick and misty. 10 h.: Cleared overhead: blue sky through Ci. Hazy and thick towards horizon.
,,	14.30	,,	—	—	29·31	15·5	E	2	o.s.	10	St.	—	—	—	Large flakes snow melting as they fall on tent; nothing visible. Under surface of snow very large waves and sastrugi WSW, over 2 ft. high.
,,	20.45	,,	—	—	29·31	5·6	Calm	0	o.m.	10	Ci.-St., A.-St., St.	—	—	—	Sun visible through Ci.-St. General Improvement.
,,	Midt.	,,	79 11	—	29·31	2·2	Calm	0	o.c.m.	10	Ci., Ci.-St., St.	—	—	—	Hazy, but clearing to S and SW. St. working over from N.
14	10.15	11th	—	—	29·34	1·9	Calm	0	c.b.m.	8	Ci., Ci.-St., A.-St., St.	Ci., SE	NW	—	Low St. rising from E; clear to S and SW.
,,	14.30	,,	—	—	29·34	6·4	Calm	0	b.c.	8	Ci., Ci.-St., St.	—	—	—	Fine and clear. St. on horizon in E and SE: much Ci.
,,	Midt.	,,	79 22	—	29·28	−15·5	SE Airs	1	b.c.	5	Ci.-St., St.	—	—	—	Slight low-lying haze under sun to S. 22 halo on snow surface. 4 to 5 rings in corona.
15	8	12th (One Ton Camp)	—	—	29·35	11·1	SE Airs	1	o.m.	10	A.-St., St.	—	—	—	1 h. 30 m.: St. up from NE temp. 1·5 F. 8 h.: Overcast, very little snowfall. Min Temp. since depot laid in February: −72·2 F. 9 ft. snow drifts for 150 yds. from SSW to WSW and very well defined.
,,	14	,,	—	—	29·38	14·3	S	1	o.	10	Ci. St., St.	—	—	—	Clear with slight snowfall.
,,	21	,,	79 29	—	29·41	15·5	S	2	o.	10	St.	—	S	—	Low arc of blue sky rising to S. Western land visible below St.
16	7.30	,,	—	—	29·44	−13·5	SW by S	4–5	s.	10	Haze	—	—	—	6 h.: Double-ringed parhelia visible at times when snow could be seen falling. 7 h. 30 m.: Hazy all round, no land visible. Sun visible. Sastrugi due to wind gave surface the mottled appearance of sea-ice.
,,	14	,,	—	—	29·45	− 2·7	SW	3–4	m.	10	Haze	—	—	—	Breeze decreasing. Horizon visible but hazy: very dark appearance round horizon about 18 h.; breeze fell altogether, sky cleared, horizon clear.
,,	22.45	,,	—	—	29·40	−14·7	Calm	0	b.c.	4	A.-St., St.	—	—	—	Occasional airs from S; fine and clear. Double corona with colours.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	°F.								°F.	
17	3	Lunch Camp	—	—	29·39	−18·6	Calm	0	b.c.	4	A.-St., St.	—	Slowly SSW	—	St. rising in thin lines from S; blue sky beyond. Mt. Erebus visible. 4 h. 30 m.: Wind SSW 3-4, with mist and flying scud.
,,	8.30	13th	—	—	29·40	−11·5	SSW	3-4	b.c.m.	4	A.-St. St.	—	SSW	—	s. and low surface drift. Parhelia.
,,	21	,,	79 42	—	29·35	−11·6	SSW	1	b.c.	3	Ci.-St.	—	—	—	Breeze died away to 1 in. p.m. Erebus, Discovery, and Bluff visible.
18	2.30	Lunch	—	—	29·31	−20·0	Calm	0	b.c.	2	A.-St., St.	—	—	—	Much mirage; fine and clear. Party ahead in inverted mirage.
,,	9.30	14th	—	—	29·38	− 3·5	SW	1	b.c.	3	A.-St.	—	—	—	More soft snow on surface and undulating wave length, ½ mile to 1 mile, during march.
,,	20.15	,,	79 55	—	29·38	− 8·6	SSW	1	b.c.	3	Ci.-St., A.-St.	—	—	—	Fine and clear.
19	3	Lunch	—	—	29·35	−14·7	SSW	1	b.c.	3	Ci.-St., A.-St.	—	—	—	Iridescent Ci. clouds near sun. Much mirage.
,,	10	15th	—	—	29·43	− 2·3	Calm	0	b.c.	2	Ci., Ci.-St.	NE	—	—	Erebus seen fom 80° S. Land to W miraged up and to WSW.
,,	21.45	,,	80 8	—	29·40	− 9·0	Calm	0	b.	2	A.-St.	Radiating from SW by S	—	—	22 h.: Ci. from NNE. Clouds rising in long lines from E.
20	3.15	Lunch	—	—	29·41	−11·0	SW	1	c.b.	7	Ci.-St., Ci., A.-St.	Radiating from NE	—	—	3 h.: Overcasting with thin Ci.-St. Less mirage. Sastrugi on surface confused.
,,	10.30	16th	—	—	29·54	2·3	SSW	2	c.b.	7	Ci.	RadiatingNNE to SSW	—	—	All surface sastrugi very definitely SE.
,,	21.15	,,	80 21	—	29·65	− 1·2	SW	3	c.b.	6	Ci., Ci.-St.	Radiating NNE to SSW	—	—	Wind force 3 after blowing SW 4 during p.m.
21	3.30	Lunch	—	—	29·68	− 6·3	SSW	2	b.c.	5	Ci., Ci.-St.	Radiating NNE to SSW	—	—	One mock sun in apparently clear sky with 22° halo and all round lateral halo, on opposite side no sign of parhelion. 80° 30′ S and to SW sastrugi SE–SSW, former predominating and hard underneath.
,,	Noon	17th	—	—	29·75	5·7	SW	1	b.	1	Ci.-St.	On horizon	—	—	
,,	21.30	,,	80 34	—	29·69	− 5·6	W	1	b.c.	2	Ci.	Radiating E and W	—	—	
22	3.30	Lunch	—	—	29·66	− 9·9	NW	2	b.c.	3	Ci.	—	—	—	
,,	10.30	18th	—	—	29·71	1·7	Calm	0	b.c.	4	Ci.-St. Ci.	—	—	—	Fine and clear. Corona centre yellow, with red and vivid blue-green double rings in Ci Barrier surface harder.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	°F.								F.	
22	21.30	18th	80 48	—	29·67	— 3·7	NW	1	b.c.	6	Ci., Ci.-St.	—	—	-	Much mirage to S.
23	3.30	Lunch	—	—	29·69	0·5	NW	2	b.c.	6	Ci.-St., A.-St.	—	—	—	Wind 3–4 from NW. 5 h. Breeze from W, 3. 6 h. 30 m : SW force 3–4 Ci. from SE.
,,	10.30	19th	—	—	29·75	8·6	S	4–5	b.c.	7	Ci.-St., A.-St., St.	—	—	—	Breeze increasing. Heavy bank A.-St. rising from SSW. No snow drift. Blue sky to E and round N horizon.
,,	21.45	,,	81 1	—	29·87	2·4	S by W	3	o.	10	St.	—	—	—	Wind fell in p.m. to 3. Blue sky to E in thin strip on horizon, showing through St.
24	4.30	Lunch	—	—	29·86	— 5·6	S	3	b.c.	6	A.-St., St.	Radiating SW and NE	—	—	0 h. : Wind force 4. Slight surface drift from E by S. Clearing. 6 h. : Sky cleared except for bank of low St. to E. Wind S force 3.
,,	10.15	20th	—	—	29·87	2·1	SW	2	b.	3	A.-St., St.	—	—	—	Clear.
,,	Midt.	,,	81 14	—	29·75	— 4·7	Calm	0	b.c.	4	Ci.-St., A.-St.	Radiating SE and NW	—	—	Fine and clear. Radiant point in Ci.-St. faded out. Low St. mist to SE rising.
25	5	Lunch	—	—	29·70	— 9·0	Calm	0	b.c.m.	2	A.-St., St.	—	—	—	6 h. and 7 h. : 22° halo with mock suns. Later only large crystals falling. 7 h. 30 m. : Double corona, yellow within, olive-green conspicuous.
,,	10.30	21st	81 27	—	29·65	0·6	Calm	0	b.c.	4	Ci., Ci.-St.	Radiating N by E to S by W	—	—	
26	0.45	,,	—	—	29·39	— 3·3	Calm	0	o.	10	Ci., A.-St., St.	Radiating NE to SW	—	—	0 h. 15 m. : Low-lying St. on horizon : blue sky through Ci. overhead.
,,	5.15	Lunch Middle Barrier Depot	81 35	—	29·32	4·4	Calm	0	o.f.s.	10	Ci.-St., St.	—	—	—	Fog and mist very thick at times. 22° halo, orange tinge inside. 10 h. : Wind W. force 3 with s. 13 h. breeze increasing, later blew force 6 from SSE.
,,	13	22nd	—	—	29·24	12·2	WSW to SW by W	4–5	o.s.f.	10	St.	—	—	—	11 h. 15 m. : Slight s. ; sun just visible ; horizon just visible through mist.
,,	23.15	,,	81 39	—	29·28	7·5	S	2	o.s.m.	10	St.	—	—	—	Midt. : Cleared ; sun and blue sky ; much Ci.
27	9.45	Lunch	—	—	29·38	12·6	SW	3	o.s.f	10	St.	—	—	—	4 h. : 22° halo, with colour Ci. radiating from SE and SW. Sky covered with heavily driven tufts of Ci. and Ci.-St. 8 h. : Fog and overcast with s. Noon : Wind unsteady, continuous snow. Heavy clogging surface.
,,	15.30	23rd	—	—	29·41	16·8	SE by S	4	o.s.m.	10	Ci., Ci.-St., St.	—	—	—	Thick to SW with s. and mist ; blue sky through Ci. overhead. Much Ci. Vivid mock suns.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
November, 1911.			° ′	° ′	Inches.	°F.								°F.	
27	Midt.	23rd	81 54	—	29·48	9·5	SSE	3	o.m.	10	Ci., Ci.-St., St.	Radiating SSW to NNE	—	—	Blue sky overhead; through C.-St. and mist all round horizon. N.B.—Snowy quarter here seems to be SE. Barrier surface devoid of pronounced sastrugi, though SE and SSW still predominate; surface very level and free from marked waves.
28	10.15	Lunch	—	—	29·55	14·6	SE by S	6	o.f.s.	10	Ci.-St., A.-St., St.	—	S	—	4 h.: Thick overcast weather, driving s. and S wind. force 5-6. 8 h.: Wind SE, force 6-7. Summer blizzard and very misty and considerable s. and drift.
,,	16.30	24th	—	—	29·57	14·7	SSE	4–5	b.e.s.m.	7	Ci., Ci.-St., A.-St., St.	A.-St. from S	Ci. Radiating S to alt. 40°	—	Clearing and wind decreasing. Mist. snow and fog all round horizon.
,,	Midt.	,,	82 7	—	29·55	2·0	S	1	c.b.	8	Ci., Ci.-St., St.	Ci. radiating from N by E	—	—	Clear but mist and dark St. to S. 22° halo, orange within. Land to SW and WSW.
29	9·15	Lunch	—	—	29·60	9·0	SSW	3	o.c.	10	Ci.-St., A.-St., St.	Radiating from SW at moderate speed	—	—	Ci.-St. almost Cu. in form moving moderately from SW, also radiating from SW. Thick St. all round horizon. Land to SW just visible under St.
,,	15.15	25th	82 19	—	29·60	12·3	S	1	c.b.	8	Ci., Ci.-St.	Radi-ENE to WSW	—	—	Clearing over land and to SE. 22 halo, with slight orange tinge within.
30	3.30	,,	—	—	29·62	− 2·8	S	2	c.b.	6	Ci., Ci.-St., St.	—	—	—	Heavy St. over land to SW. Clear to SE, E and overhead. Land to S visible.
,,	10.15	Lunch	—	—	29·69	3·6	S	2	b.e.	5	Ci., A.-St., Ci.-St.	Radiating from SSW	—	—	Land obscured by radiating St. apparently between ourselves and land.
,,	16.30	26th	82 33	—	29·70	9·4	Calm	0	b.e.	6	Ci.-St.	Radiating from ENE	—	—	St. on peaks.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY. CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	° F.								F.	
1	4	26th	—	—	29·63	— 0·5	NNW	3	b.	8	A.-St.	NW	—	—	Land showing up very clearly. Considerable mirage to S since 2 h. 9 h. 45 min.: Ci.-St. slowly spreading over from SE. Land very clear. Surface level. Barrier here very level, but sastrugi very definitely SE by S.
,,	14.45	Lunch	—	—	29·63	4·6	NW	2	b.	6	A.-St.	SE	—	—	
,,	17	27th	82 47	—	29·59	10·9	NW	2	o.	9	A.-St.	SE	—	—	A.-St. spread over sky, obscuring peaks. Much mirage and bad light.
2	2.15	,,	—	—	29·61	7·8	SE	3	o.m.	10	St.	—	—	—	All marks obscured; sun just visible; hazy.
,,	10	Lunch	—	—	29·62	13·0	NW	3	o.f.s.	10	St.	—	—	—	Very bad light: nothing visible more than one mile and frequently less.
,,	18	28th	82 59	—	29·55	16·0	Variable S	2	o.s.f.	10	A.-St., St.	—	—	—	s. and clearing at times; no land visible; sun seen through A.-St.
3	3.15	,,	82 59	—	29·45	16·5	SE	5–6	o.m.	10	St.	—	—	—	4 h.: Wind up to force 8 with drift. 5 h.: s. and thick drift. At times wind to force 9.
,,	5.30	,,	—	—	—	—	SE	8	o.s.m.	10	St.	—	—	—	Heavy drift.
,,	11.30	,,	—	—	29·51	14·7	SE	6	o.m.	10	Ci.-St., A.-St., St.	—	—	—	Breeze SE, land visible, no drift. Noon: Bright sunshine, blue sky. Heavy St. and A.-St., with Ci.-St. above working up from SE. 16 h.: Sky overcast. Calm and variable airs.
,,	21.30	29th	83 9	—	29·36	8·2	NNW	7–8	o.s.f.	10	St.	—	—	—	16 h. 45 m.: Wind from NW, force 6-7, with s. and heavy drift.
4	6.30	,,	83 9	—	29·87	5·5	SE by S	6	o.s.f.	10	St.	—	—	—	4 h.: Breeze fell and came away from SE with s. and drift. 3rd and 4th Undulations 6 ft. to 20 ft., in height: more marked near land. In this region noticeable long undulations a mile or more in extent, gradient imperceptible.
,,	9.30	,,	—	—	29·96	—	SE by S	7–8	o.s.f.	10	St.	—	—	—	Blizzard, with heavy driving SE drift, adjacent tents invisible at times.
,,	Noon	,,	—	—	29·97	12·5	SSE	5	o.m.	9	A.-St., St.	—	—	—	Blue sky on horizon to SE. Land visible to S and SW, with sun shining on it. During p.m. fine and clear, with b.e. Land very clear. Banner cloud to lee of peak to SSW and slight drift on heights, all from SE. Long lines of Ci. worked up from E, finally forming N and S radiant and becoming Ci.-St. Light W breeze followed about 21 h. by S, force 5. On march iridescent clouds under sun striking red and emerald-green. Wind and drift coming down glacier and over heights from S.
,,	18	—	—	—	—	—	—	—	—	—	—	—	—	—	
,,	23	30th	83 20	—	29·66	17·7	S	4–5	o.	8	Ci., A.-St.	Radiating N to S	—	—	

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32 F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	F.								° F.	
5	11.30	30th	83 20	—	29·45	26·8	SSE	8–9	o.s.	10	St.	—	—	—	Thick heavy s. and driving drift; heavy gale; very heavy drift.
,,	17	,,	83 20	—	29·46	30·5	SE by S	8	o.s.	10	—	—	—	—	Snow in large flakes and extraordinarily deep drifts: everything very wet and appearance on tents, etc., more like rain than snow.
6	Noon	,,	83 20	—	29·42	32·2	SE by S	8	o.s.	10	St.	—	—	—	s. Very much like sleet in wetness, pools of water in tents. Drift.
,,	Midt.	,,	83 20	—	29·44	—	SE by S	7	o.s.	10	St.	—	—	—	Temperature very slightly lower. Land visible from time to time.
7	Noon	,,	83 20	—	29·62	31·1	SE by S	7–8	o.s.	10	St.	—	—	—	No sight of land or sun all day. Phenomenal snowfall, large, soft wet flakes, like sleet. Everything
,,	23.30	,,	83 20	—	29·76	31·0	SE by S	8	o.s.	10	St.	—	—	—	in and around and about camp, tents, etc., saturated with water; snow sticks to shovels like plaster, but falling on one's clothing runs down like rain; inside tents water runs down poles, and there is practically no freezing.
8	Noon	,,	—	—	29·75	32·5	SSE	3	o.s.	10	St.	—	—	—	During a.m. blowing fresh from SSE, with much snowfall; later sun visible and land at intervals,
,,	16	,,	—	—	29·73	32·0	Variable	1	o.s.	10	St.	—	—	—	Snowfall round camp tremendous, drifts 6 ft. high, consisting of soft, squashy snow. Good sliding
,,	18.30	,,	—	—	29·70	33·3	NW	2	o.s.f.	10	St.	—	—	—	on ski, but very heavy for walking. 10 h.: Snow ceased; blue sky showing through Ci.-St., with
,,	20.30	,,	—	—	29·69	28·2	N by W	4	o.s.	10	St.	—	—	—	land showing to SW. Thick, foggy and showery weather. 20 h. 30 m.: Sun showing.
,,	22	,,	—	—	29·66	25·5	N	2	o.	—	Ci.-St., St.	—	—	—	
9	6.15	,,	—	—	29·65	15·4	NNW	2	b.c.	6	A.-St., St.	—	NW slowly	—	Fine during night, land gradually clearing. 6 h. 15 m.: Peaks of mountains showing up, also glacier ahead. Miraged St. over glacier.
,,	21.30	31st (Shambles Camp)	83 30	—	29·62	19·5	Calm	0	b.c.	7	A.-St., St.	—	S	—	Snowfall in this bay apparently unaffected by wind: snow very deep.
10	8.15	,,	83 30	—	29·64	17·3	Calm	0	b.c.	3	Ci.-St., A.-St.	—	—	—	Fine and clear. Loose St. dispersing from time to time. Variable puffs of wind from N or S in pass.
,,	17.30	Lunch (Top of Pass)	—	—	29·05	19·5	Variable	2	b.c.	3	Ci.-St.	Forming around		—	
,,	23.30	32nd	83 36	—	28·97	26·9	SW by S	5–6	b.c.	2	Ci.-St.	—	—	—	Stiff breeze blowing from heights down steep tributary of glacier. Low drift.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	° F.								° F.	
11	8.30	32nd (Depot)	83 36	—	29·04	25·5	Calm	0	b.	—	—	—	—	—	8 h. 30 m.: Clear and fine occasionally. Light variable airs down side valleys. Surface in this part covered deeply with soft snow, into which, on foot, one would continuously sink up to the knee or deeper.
,,	15	Lunch	—	—	—	25·5	S	1	b.c.	3	Ci.-St.	—	—	—	
,,	21.30	33rd	—	—	28·85	23·7	S by W	3–4	b.c.	7	Ci.-St., A.-St.	Radiating from S		—	
12	8.15	,,	—	—	28·89	25·9	SE	2	c.b.	8	A.-St., St.	—	—	—	During a.m. breeze down glacier, force 3 to 4: shifted about noon to N. after a slight period of variable airs. All hilltops clear.
,,	14.30	Lunch	—	—	28·79	31·7	N	2	c.b.	7	A.-St.	—	—	—	
,,	19.30	34th	83 44	—	28·57	22·5	SSW	3	b.c.	4	Ci.-Cu., Ci.-St.	—	—	—	Fine and clear. Hard névé and blue ice about 3 ft. below the soft snow, into which sledges sink so deeply as to act as snow-ploughs.
13	6.30	,,	83 44	—	28·57	17·5	Calm	0	c.b.	6	A.-St.	—	—	—	In a.m. wind SW, force 3–4.
,,	13.15	Lunch	—	—	28·43	25·0	Light SW	1	b.c.	2	Ci.-St., A.-St.	—	—	—	Noon: St. hanging over peaks of mountains to W.
,,	21	35th	83 48	—	28·29	15·3	Variable Airs	1	b.c.	3	Ci.-St.	Radiating NNW and SSE		—	
14	9	,,	83 48	—	28·19	13·2	SSW	2	b.c.	4	Ci.-St. A.-St.	—	—	—	General improvement in surface. Very heavy snow deposit, but harder above; about 3 ft. down névé or ice.
,,	14	Lunch	—	—	27·91	20·8	S	1	c.b	6	A.-St., St.	—	—	—	
,,	19.45	36th	83 57	—	27·61	20·5	NNE	2	o.	9	A.-St., St.	—	—	—	Camped on harder surface with crevassed blue ice about 1 ft. below surface of snow.
15	6	,,	83 57	—	27·51	18·0	S	1	o.	10	A.-St., St.	—	—	—	Sun visible through A.-St. Tops of mountains to S in St.
,,	13.15	Lunch	—	—	27·17	21·3	Calm	0	o.	10	A.-St., St.	—	—	—	
,,	18.30	37th	84 6	—	27·12	21·5	NE	3	o.s.	10	St.	—	—	—	During latter part of p.m. thick snowy St. worked up from E. finally obscuring all. 20 h.: Snow practically ceased, sky breaking.
16	5.15	,,	84 6	—	27·45	13·2	NNE	2	o.	10	A.-St., St.	—	—	11·0	About 2 ins. snowfall around camp. Breeze NE, force 4–5 at times. 5 h.: Breaking, no snow.
,,	12.45	Lunch	—	—	27·21	19·7	SW	4	c.b.	6	A.-Cu., Ci.-St., St.	—	—	—	Noon: Ci. radiating ENE and WSW. Sky clearing to S. St.-Cu. over Cloudmaker. 16 h.: 22° halo in Ci.
,,	19	38th	84 15	—	26·91	13·5	Variable Airs	1	c.b.	7	Ci., Ci.-St.	Radiating SSW and E		—	Clearing, fine and clear. Ci. over mountains to SE.
17	6.45	,,	84 15	—	26·89	12·0	Calm	0	b.c.	3	Ci.-St., Cu.	—	—	8·5	Cu. over Cloudmaker.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

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Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	°F.								°F.	
17	13.30	Lunch	—	—	26·63	11·3	N	2	b.c.	4	Ci.-St., Cu.	—	—	—	Ci.-St. to N and E. Cu. over Cloudmaker and to SW.
,,	19	39th	84 24	—	26·18	13·5	N by E	3	o.c.	10	A.-St., St.	—	N	—	Cloudy but not thick weather. Steady N breeze all day.
18	6.15	,,	84 21	—	26·15	13·3	Calm	0	o.s.	10	St.	—	—	10·9	6 h.: Snowfall, large crystals during night. Mountain tops obscured.
,,	13.30	Lunch	—	—	25·71	12·6	NE	3	o.s.b.	8	St.	—	N slowly	—	s. large flakes. Blue sky in patches overhead, but much St.
,,	19	40th	84 34	—	25·17	10·5	NNE	2	o.c.s.	9	St.	—	N slowly	—	
19	6.15	,,	84·34	—	25·20	9·2	S	2	b.c.	6	Ci.-St., St.	—	—	7·0	s. during night covered all blue ice thinly.
,,	13.30	Lunch	—	—	24·65	14·0	SSW	2	b.c.	5	Ci.-St., A.-St.	—	—	—	Noon: Blue ice interspersed with white and yellow ice. Sastrugi showing considerable wind from SW direction. Snow fallen recently in very large flakes.
,,	19.30	41st	84 45	—	24·36	10·8	S	3	b.c.	3	Ci.-St., St.-Cu.	—	—	—	Wind S with slight low drift. Fine and clear.
20	6	,,	84 45	—	24·40	8·5	Calm	0	c.b.	8	Ci.-St., Ci.	Radiating from S by W	—	5·3	Ci.-St. to N. Sky mostly filmed over with Ci., and blue sky showing through. 10 h.: 22° halo in Ci. red tinge inside. Noon: Heavy dark mass of St. and Cu. over Dominion Range to SSE, thick appearance to N. Appearance of blizzard to N and E; blue sky to S. 14 h. 30m.: Scud and fog from N came up rapidly obscuring everything till about 16 h. Sky cleared and clouds dispersed, followed by light SW breeze.
,,	13	Lunch	—	—	23·95	12·6	NNE	4	c.b.	8	Ci., Cu.-St.	—	E	—	
,,	19	42nd off Nunatak.	84 56	—	23·66	13·4	SW	1	b.c.	4	Ci., A.-St., St.-Cu.	—	Almost stationary	—	
21	6	,,	84 56	—	23·67	6·6	S by W	3–4	b.c.	3	St.-Cu.	—	—	4·5	Wind gusty with low surface drift.
,,	Noon	Lunch	—	—	22·80	− 0·5	NE	2	o.f.	9	St.	—	NE	—	Light S breeze till 11 h. when light N wind came away at altitude 7,000 ft. with St. forming; fog all round and blue sky showing above.
,,	19.45	43rd Upper Glacier Depot. First return party.	85 7	163 4	22·45	− 2·7	Calm	0	b.c.	2	St.	—	—	—	Lowlying fog in hollows working up slowly from E.
22	8.30	,,	85 7	163 4	22·47	− 4·5	N	2	c.b.	5	A.-St., St.	—	—	—	St. from NE direction, with slight s. at intervals.
,,	13.30	Lunch	—	—	22·45	− 0·2	Calm	0	b.c.	4	A.-St., St.-Cu.	—	—	—	Noon: Sastrugi here seen to point to a prevalent SE wind.
,,	19.30	44th	85 13½	161 55	22·23	− 1·6	Calm	0	b.c.	3	St.-Cu., Ci.-St.	—	—	—	Fine and clear. Sastrugi very hard and cut by SSE wind.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	° F.								° F.	
23	6	44th	85 13½	161 55	22·23	— 4·7	Calm	0	b.c.	4	Ci., Ci.-St.	—	—	−10·0	*Note.*—Indicator of barometer No. 761 hung up to day reading 22·23 in. at 20 h., when at same time No. 762 read 21·61 in. After a good deal of shaking and tapping No. 761 jumped to 21·70.
,,	13.30	Lunch	—	—	—	— 4·0	SSE	4	b.	2	—	—	—	—	St.-Cu. on mountains.
,,	20	45th	85 22	—	21·65 ?	— 3·2	S by E	3	c.b.	6	Ci., Ci.-St., A.-St.	S	—	—	Clouds moving up slowly from SE. Sastrugi SSE to S by E.
24	6	,,	85 22	—	21·68	— 8·0	S by E	3	b.	0	—	—	—	−10·5	Fine and clear.
,,	14	Lunch	—	—	21·52	— 0·5	S by E	4	b.	0	—	—	—	—	Noon: Cu. over distant mountains. Sky clear.
,,	20.15	46th	85 36	—	21·43	— 3·3	S	4	b.	0	—	—	—	—	20 h.: S. breeze steadily all day, force 3–4. Sastrugi SSE.
25	6	,,	85 36	—	21·44	−10·4	S	4	b.	1	—	—	—	— 1·0	Fresh breeze during day, with low surface drift.
,,	14	Lunch	—	—	21·17	— 5·3	S by E	4–5	b.	0	—	—	—	—	Drift.
,,	21	47th	85 50	—	21·21	— 7·5	S by E	4	b.	0	—	—	—	—	Drift.
26	6.30	,,	85 50	—	21·26	— 8·0	S by E	3	b.c.	2	Ci.-St.	On horizon	—	−10·8	Breeze steady and continuous all night.
,,	14	Lunch	—	—	21·17	— 3·1	S by E	3–4	b.c.	5	Ci.-St.	Radiating E and W		—	Surface of plateau alternating from fairly soft snow to very hard névé and sastrugi. Disturbances of extensive nature met with in just over 86° S. as well as between 85° and 86°. Very crevassed with hard snow on summits.
,,	20	48th	86 2	160 26	21·11	— 1·0	SSE	4	b.c.	3	Ci.	Radiating E by N	and W by S	—	
27	6	,,	86 2	—	21·12	−10·3	S by E to SSE	3	b.c.	4	Ci.	Radiating from E		—	
,,	14	Lunch	—	—	21·09	— 0·5	SSE	2–3	b.	0	—	—	—	—	*Note.*—The irregularities, in form of immense ridges, seem to run more or less E and W, though some seem to run diagonally. Between the rises the surface was fairly soft, without sastrugi being very definitely marked. Hard névé a feature of the crests of rise.
,,	20	49th	86 15	—	20·89	— 6·8	Calm	0	b.	1	Ci.-St.	On horizon	—	—	
28	6	,,	86 15	—	20·91	−11·1	Calm	0	b.	Cloudless	—	—	—	−14·5	Fine and clear.
,,	13.30	Lunch	—	—	20·85	— 7·0	S	3	b.	Cloudless	—	—	—	—	Fine and clear. During a.m. a little Ci.-St. on horizon to SE.
,,	21	50th	86·27	—	20·72	— 6·0	S by W	4–5	b.	Cloudless	—	—	—	—	Low surface drift.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
December, 1911.			° ′	° ′	Inches.	°F.								°F.	
29	6.30	50th	86 27	—	20·72	—	—	—	—	—	—	—	—	—	Sastrugi not well defined, though prevalent direction seems to be SE to SSE: on surface patches of soft snow alternate with hard névé.
,,	13.30	Lunch	—	—	20·62	− 3·3	—	—	—	—	—	—	—	—	During p.m. Ci. and Ci.-St. rose from S. Later 22° halo with slight orange tinge inside.
,,	21	51st	86 39	—	20·57	− 6·6	—	—	—	—	—	—	—	—	
30	6	,,	86 39	—	20·58	—	—	—	—	—	—	—	—	−12·3	Wind during night force 6–7. Forenoon: Low surface drift at intervals.
,,	13.30	Lunch	—	—	20·51	—	—	—	—	—	—	—	—	—	20 h.: Fine and clear. Absolute absence of mirage very noticeable.
31	6	52nd (3° Depot)	86 49	—	20·45	−10·2	S by E	3	b.e.	2	Ci.	—	—	−12·5	Slight low drift during night. Noon: Fine and clear, breeze steady in direction but unsteady in force.
,,	14	53rd	86 56	165 6	20·28	−11·0	S	1–2	b.	Cloudless	—	—	—	—	Midt.: Cloudless: S breeze; no drift.
January, 1912.															
1	7	53rd	86 56	165 6	20·18	−13·3	S	2–3	b.e.	4	Ci., Ci.-St.	—	—	—	
,,	14.30	Lunch	87 1	—	20·16	− 8·0	S by E	2–3	b.e.	3	Ci.-St.	—	—	—	Noon: Few flaky Ci.-St. clouds to N. Fine and clear. Surface very flat, and absence of marked sastrugi noticeable.
,,	21	54th	87 7	—	20·09	−14·8	S	1	b.	Cloudless	—	—	—	—	
2	6	,,	87 7	—	20·07	−15·5	S	1	b.	1	Ci.-St.	On W horizon	—	−17·7	Fine and clear. Sastrugi very definitely SE (both surface and under layers).
,,	14	Lunch	87 14	—	19·95	−15·3	S	1–2	b.e.	3	—	—	—	—	During p.m. A.-St. rose slowly from E and SE. 17 h.: Skua gull circled round sledge parties.
,,	20	55th	—	—	19·91	−12·0	S	1	b.e.	4	—	—	—	—	
,,	21	,,	87 20	160 41	—	—	SSE	3	o.	8	A.-St.	Radiating from SE	—	—	Strong radiant to SE. Appearance of mist or fog under sun: blue sky round horizon. *Note.*—Aneroid indicator gone below graduations, so reading estimated on blank space from the opposite reading on the dial.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	°F.								°F.	
3	6	55th	87 20	160 41	19·86	−19·2	SSE	4–5	b.c.	3	A.-St.	WNW	—	—	Continuous drift from SSE all day. Upper arc of 22° halo seen over sun.
,,	14	Lunch	87 26	—	19·77	—	SSE	5	h.c.	4	A.-St.	—	—	—	
,,	21.30	56th (2nd Return Party)	87 32	—	19·77	−19·0	SSE	4	b.c.	2	Ci.-St.	—	—	—	
4	6	,,	87 32	—	19·78	−17·9	SSE	3	b.c.	3	Ci.-St.	—	—	−19·0	Considerable drift during night. Noon: Ci. and Ci.-St. of wind-blown appearance rising from SE. Snow crystals falling from time to time from almost transparent clouds.
,,	13.30	Lunch	87 38	—	19·72	−16·7	SSE	2	b.c.	4	Ci., Ci.-St.	SE	—	—	P.M.: Sastrugi SE and SSE more marked than before, with signs of considerable deposit of snow.
,,	20.30	57th	87 44·5	—	19·68	−17·3	Calm	0	b.	1	Ci.-St.	On horizon	—	—	Fine and clear.
5	6	,,	87 44·5	—	19·64	−16·8	N	1	c.h.	7	Ci.-St.	N very slowly	—	−20·9	Clear on horizon to S. Noon: Parhelion 22° and 45° halos, with vivid colours, also tangent arcs to these. Snow crystals falling.
,,	13.30	Lunch	87 52	—	19·64	−15·9	NW by W	3	c.b.	7	A.-St.	NW moderately	—	—	16 h.: Aureole about 5° and vivid iridescence in clouds near sun.
,,	21	58th	87 57	159 13	19·55	−15·3	NW	4	o.c.	8	Ci.-St.	NW moderately	—	—	
6	6.15	,,	87 57	159 13	19·52	−22·0	Calm	0	b.c.	4	A.-St.	—	—	−23·1	A.M.: Fine and clear. At times very faint NW airs. Sastrugi much more marked here, the whole surface having appearance of being subjected to very strong winds, direction S by E and SE by S.
,,	13.30	Lunch	88 4	—	19·45	−22·9	W	1	b.c.	3	Ci., A.-St.	—	—	—	Sastrugi high and very strongly marked, like a rough sea: SE predominating, with underlying SE waves. Very much cut up, evidence of very strong winds here. A deposit of crystals like gorse spikes over a large part of surface.
,,	21	59th	88 8·6	—	19·42	−22·5	Calm	0	b.	1	Ci.-St.	—	—	—	13 h. 30 m.: Ci. in thin lines to N: Ci.-St. on SE horizon. 21 h.: Ci.-St. on horizon to S and SE.
7	6.15	,,	88 8·6	—	19·41	−25·6	Calm to Light W Airs	0–1	b.	Cloudless	—	—	—	−26·8	A.M.: Fine and clear. 10 h.: A.-St. radiating SE and NW, passing over from S and SW. Breeze came away from SSW.
,,	13.30	Lunch	88 13	—	19·37	−21·8	S	2	b.c.	4	A.-St.	—	—	—	During p.m. breeze increased to force 4 from S to S by E, with low surface drift and A.-St. moving up rapidly from same direction. Horizon hazy. 19 h.: Crystals falling. 22° halo, no colour.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	F.								°F.	
7	21	60th	88 17·7	—	19·37	−23·4	S	3–4	b. ←	2	Ci.-St.	On horizon	—	—	
8	6	„	88 17·7	—	19·37	−20·3	S by E	5–6	o.m.	10	Ci.-St.	—	—	−25·0	Hazy, with drift and strong breeze (blizzard). Sun just visible.
„	13.15	„	88 18	—	19·38	−17·4	S by E	6	o.m.	10	Ci.-St.	—	—	—	13 h. 30 m.: High drift and wind force 7 at times. Sun faintly visible.
„	19.30	„	88 18 157	21	19·40	−13·8	S by E	6·7	o.m.	10	—	—	—	—	Considerable high drift, very thick, but deposit not excessive. Nothing visible.
9	6.45	„	88 18 157	21	19·46	− 6·7	SE	4	o.m.	10	Ci.-St.	—	—	—	Wind shifted to SE during night, with rise of temperature, moderating slowly, with less drift; still very thick. Blue sky to SE on horizon. Sun visible.
„	13	„	88 18	—	19·47	− 3·7	E by N	4	m.o	8	Ci.-St., A.-St.	—	—	—	Clearing from E p.m.: Weather moderating; cloudy and misty, but gradually clearing: sun obscured by heavy A.-St. Breeze shifted from SE by S to E by N, force 3-5. Parhelion faint, with mock suns very faint.
„	20·30	61st	88 25 159	17	19·51	− 4·5	E	3	c.b.	7	Ci., Ci.-St.	—	—	—	Breeze lalling. Ci. radiating from E. Blue sky to E and SE.
10	6	„	88 25 159	17	19·55	− 6·3	SE	2	c.s.b.	8	Ci., Ci.-St.	Radiating NW to SE	—	− 7·7	Thick and cloudy to N; blue sky in zenith. s. crystals falling. 22° halo. During forenoon sky cleared overhead. P.M.: Ci.-St. worked over from E. Sastrugi E and SE strongly marked, S very faint.
„	13.45	Lunch ($1\frac{1}{2}$° Depot)	88 29 159	33	19·47	− 6·5	E	1	o.c.	8	Ci., Ci.-St., A.-St.	E	E	—	17 h.: 22° and 45° halos, with red inside, central ray under sun to mock sun on horizon. s. crystals falling.
„	21	62nd	88 34·7	—	19·46	−11·6	ESE	3	o.c.f.	9	Ci., Ci.-St., Det. A.-St.	SE	—	—	Fog on horizon. Blue sky visible between detached A.-St., with much Ci. at times. Surface for many days has been covered with thick deposit of s. crystals like powder and very heavy for pulling sledge. s. crystals falling constantly.
11	6	„	88 34·7	—	19·38	−14·3	SSE	3	b.c.m. ←	5	Ci., Ci.-St.	Radiating SSE and NNW	—	−14·8	A.M.: s. crystals in air. Parhelion with mock suns and tangent arc above. Noon: s. crystals falling. Brilliant 22° halo with red inside and strong mock suns on horizon below central ray, also arc of 42° halo with colour.
„	13.30	Lunch	88 41	—	19·40	−16·3	SSE	2	b.m.c. ←	4	Ci., Ci.-St.	Radiating from SSE	—	—	During forenoon very thick and misty to S, clearing later. Sastrugi here confused, but all in SE quadrant; most marked SE by E, but crossed by E by S faint. SSE fairly clear, and S faint.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	°F.								°F.	
11	21	63rd	88 46	—	19·37	−17·4	S	1	b.c. ←	7	Ci.	Radiating SSE to NNW	—	—	Quantity of Ci. all day remarkable. There seems to be considerable motion in upper currents and Ci. continually forms and disperses. 22° halo (colours). s. crystals falling all day and forming from time to time mist and fog on horizon. Ci. and Ci.-St. constantly merging into one another.
12	6	,,	88 46	—	19·35	−24·8	Calm to Light W Airs	0–1	b.	1	Ci.	On E and SE horizon	—	−25·8	
,,	13.30	Lunch	88 52	—	19·36	−22·5	W	1	b.	2	Ci.-St.	On horizon	—	—	Sastrugi less definite; surface of plateau very level and covered with snow crystals. About 16 h. Ci.-St. radiating from S rose from WSW. Breeze WSW, force 3. 17 h. 30 m.: Sky nearly overcast. Radiant point moved to S by E and at 20 h. clouds apparently moved up from S at moderate speed. Breeze shifted to SW. Occasional slight minute snowfall. Sun visible through clouds.
,,	20	64th	88 57·4	160 21	19·38	−17·7	SW	2	e.b.	7	detached Ci.-St.	almost Ci.-Cu. in form	—	—	
13	6	,,	88 57·4	160 21	19·40	−22·5	S	1	b.c. ←	4	Ci., Ci.-St.	Radiating N and S	—	−23·5	Considerable deposit of s. crystals during night.
,,	13.30	Lunch	89 3	—	19·51	−22·0	S by W	2–3	b.c. ←	6	Ci., Ci.-St.	—	—	—	Sastrugi in last few miles much more marked, chiefly SE, but from E and SSE also. Hazy on S horizon, with s. crystals.
,,	21	65th	89 9	—	19·55	−22·4	S to S by W	3	b.c.m. ←	6	Ci., Ci.-St.	Radiating from NE by N	—	—	19 h.: Halo, mock suns faint. Air full of s. crystals. Mist on horizon. Very slight surface drift. 21 h.: Wind falling.
14	6	,,	89 9	—	19·60	−22·8	S	3	e.b.	6	Ci.	Radiating N to S	—	−23·5	Slight drift during night. Radiant point SW, altitude 20°, and radiating N and S on horizon.
,,	13.30	Lunch	89 15	—	19·79	−18·6	SSE	3	o.m.	10	Ci.-St.	—	—	—	Sky uniformly overcast. Horizon, mock sun visible, faint halo. During p.m. march thick snowy fog, with SE breeze, force 3. Horizon to S visible at times.
,,	20	66th	89 21	—	19·93	−15·4	SE	3	o.f.	10	Ci.-St.	—	—	—	21 h.: Sun and horizon obscured. Low surface drift. Uniformly overcast.
15	6	,,	89 21	—	19·94	−22·8	Calm	0	e.b.	6	Ci.	—	—	−26·0	Ci. radiating N and S, altitude 10°.
,,	14	Lunch (Depot)	89 27	—	19·95	−23·0	W	1	b.c.	4	Ci.	Radiating from N	—	—	Fine and clear.
,,	21	67th	89 33	—	19·97	−25·5	NW	3	b.	1	Ci.-St. on	NE horizon		—	Surface fairly soft with deposit of snow crystals. Sastrugi E, SE, S and S by W.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	° F.								° F.	
16	6	67th	89 33	—	19·92	−24·8	WNW	4	b.	Cloudless	—	—	—	−27·6	
,,	13.30	Lunch	89 42	—	19·92	−23·9	WSW	3–4	b.	Cloudless	—	—	—	—	During p.m. came down a definite gradient with apparently another rise ahead.
,,	20	68th	89 47	—	20·06	−24·3	SW	5	b.m.e. ←	3	Ci.	SW fast	—	—	18 h.: Found Amundsen's camp and flag. Down a definite slope. 20 h.: Breeze freshening from SW. s. crystals. Mock suns, 22° and 45° halos with tangent and great horizontal halos partially visible. Some W sastrugi very noticeable here.
17	5·30	,,	89 47	—	20·09	−21·5	SW by S	5	b.m. ←	4	Ci.	—	—	—	Ascended slight gradual rise. Wind force 6 during night with considerable surface drift. N.B.—All directions from Pole being N, the original direction of wind, etc., is preserved. During p.m. apparently descended gradual slope with noticeable rise ahead. Arrived South Pole Camp 18 h. 30 m. Wind gusty and considerable surface drift at intervals. Sastrugi confused but chiefly SSW. Surface soft with heavy drifts of soft snow. Amundsen's sledge tracks, etc., clear in places. 19 h.: Parhelion with 22° and 45° halos, tangent arcs and waved tangent arcs over 22° halo. N.B.—The sastrugi at the S. Pole were chiefly SW; there was every indication to show that the area seems to be affected chiefly by continuous moderate winds with low drift, but apparently not strong winds. Amundsen's tracks after one month were visible, though covered with deep drift in places.
,,	13	Lunch	89 54	—	20·10	−20·7	SSW	4–5	e.m. ←	7	Ci.-St., A.-St.	SSW	—	—	
,,	20	69th	(One mile beyond Pole)	—	20·17	−21·8	N, SSW	5	e.m. ←	8	Ci., Ci.-St., A.-St.	Going fast with wind	—	—	
18	7.30	,,	,,	—	20·26	−23·7	SSW	3–4	b.c. ←	5	Ci., Ci.-St.	SW	—	−23·6	
,,	13.30	Lunch	89 59	—	20·29	—	SSW	3	b.c. ←	4	Ci., Ci.-St.	Radiating from N	—	—	During 17th and 18th the horizon was only clear from time to time for an hour or two. Heavy banks of A.-St. charged with ice crystals apparently continuously coming up from SW. 18th: lunch ¾ mile N of Pole, left British flag on pole. 16 h. 15 m.: Fine and clear. 17 h.: Iridescent clouds under sun. 20 h. 30 m.: 22° halo. Much windy-looking Ci.; mist round horizon due to ice crystals.
,,	20.30	(1st Return Camp)	89 52	160° approx.	20·26	−20·9	SSW	4	e.b.m. ←	8	Ci., A.-St.	SW fast	—	—	
19	6	,,	89 52	,,	20·26	−24·1	SW	3–4	b.c.	3	Ci.-St.	On horizon	—	−26·7	Fine and clear. During afternoon wind very gusty with considerable surface drift and heavy banks of A.-St.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	°F.								°F.	
19	13.15	Lunch	89 44	160° approx.	20·24	−21·0	SW by S	4–5	e.b.	8	Ci., A.-St.	A.-St. from SW	—	—	
,,	20.30	2nd	89 36	,,	20·10	−19·1	SSW	4–5	o.m.c.	10	Ci.-St., A.-St.	—	—	—	Sun visible through Ci.-St. Parhelion, mock suns, 22° halo, and inverted arc above. Drift.
20	6	,,	89 36	,,	20·09	−22·2	SW by S	4–5	o.m.←	10	Ci., Ci.-St., A.-St.	Radiating from NE by N		−25·6	22° halo. Mist caused by ice crystals. During forenoon heavy A.-St. from SSW; sun entirely obscured at times; wind gusty with drift.
,,	14.30	Lunch (Southern Depot)	89 27	,,	20·04	−19·9	SSW	4–5	o.c.m.←	10	Ci., Ci.-St., A.-St.	—	—	—	Sun visible during afternoon. Thick hazy weather with ice crystals and parhelion. Ci. radiating from NE and finally from E and W. Drift.
,,	21	3rd	89 20·2	,,	19·99	−18·1	SSW	6	o.m.←	10	Ci.-St., A.-St.	—	—	—	Midt.: NE wind, force 7, with heavy drift. Note our outgoing tracks of a week ago completely drifted up in places, but very prominent in others. The old camps are much drifted up from SSW.
21	8·30	,,	89 20	,,	19·93	−11·5	SSW	8	o.s.	10	—	—	—	—	Blizzard lasted till 1 h. 30 m. when drift suddenly ceased and wind fell from force 7 to 4. Radiant point of Ci. which had been E moved to S with Ci. moving rapidly from that direction. During afternoon wind gradually fell.
,,	20.30	4th	89 14·7	,,	19·87	−14·6	S	3	b.c.m.←	4	Ci.	Radiating N and S		—	Ice crystals causing slight mist on horizon. Halo, double ring, and inverted arcs.
22	6	,,	89 14·7	,,	19·91	−21·9	S	1	c.b.	7	Ci., A.-St., Ci.-St.	—	—	−22·5	Mist round horizon. Sastrugi S by W due to recent blizzard. Outgoing tracks plain, but in places completely covered by deep drifts and sastrugi.
,,	13.30	Lunch	89 7	,,	19·84	−22·5	SSW	2	e.b.m.←	6	Ci., A.-St.	—	—	—	
,,	20	5th	89 0·2	,,	19·87	−21·4	Calm	0	b.c.m.←	5	Ci., Ci.-St., A.-St.	Ci. radiating from NE by N		—	
23	5.45	,,	89 0·2	,,	19·91	−28·6	SSW	2	b.c.m.←	4	Ci.	Radiating NE and SW		−29·7	6 h.: Mist due to ice crystals. 11 h.: Breeze increasing to force 5, with surface drift.
,,	13.30	Lunch	88 52	,,	19·82	−22·0	SSW	5	o.m.←	10	Ci., Ci.-St.	Radiating from NE		—	During afternoon wind increased in force with heavy surface drift. 22° halo. Tracks underfoot visible, but cairns only visible when very close. Sun visible.
,,	19.30	6th	88 43·5	,,	19·73	−19·3	S by W	7	o.s.m.←	10	Ci.-St.	—	—	—	Drift.
24	6	,,	88 43·5	,,	19·81	−12·5	S by W	6	o.m.←	10	Ci., Ci.-St.	Radiating from NE		—	6 h.: 22° halo, no mock suns, but strong colour all round. Considerable drift.
,,	13	7th	88 36	,,	—	− 9·0	SSE	8	o.s.	10	—	—	—	—	During forenoon wind shifted slowly through S to SSE increasing to force 8, with heavy driving drift. Sun obscured. Camped with difficulty.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) Reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′		Inches.	° F.								° F.	
24	20.30	7th	88 36	160° approx.	19·90	—	SSE	7	o.s.	10	A.-St.	—	—	—	Slightly moderating. Heavy high drift. Sun visible.
25	7.30	„	88 36	„	20·03	—	SSE	8	o.s.	10	—	—	—	—	Forenoon. Sky and upper clouds invisible for thick high heavy drift.
„	15.30	Luneh	88 29	„	20·03	−14·7	SSE	6–7	o.s.	10	Ci.-St., A.-St.	—	—	—	During afternoon cleared somewhat overhead. Surface conditions as bad as ever. Drift.
„	21.30	½° Depot 8th	88 23·8	„	20·03	−15·5	SSE	6	c.s.b.	7	Ci., Ci.-St., A.-St.	—	—	—	Weather improving; sky breaking, less drift. Blue sky to S and E and on horizon to S and E
26	6	„	88 23·8	„	20·09	−14·8	SSE	5	c.s.b.	8	Ci.-St., A.-St.	—	—	−17·7	During afternoon wind became more S and weather cleared considerably. Wind gusty and heavy drift at times, lessening towards 18 h.
„	15	Lunch	88 18	„	20·11	−17·7	S to S by E	3–4	b.e.	3	Ci., Ci.-St.	on horiz	on	—	19 h. 30 m.: Entered belt of very marked sastrugi extending from about 88° to 88° 10′, with a mile or two each side merging into ordinary surface. This was passed on outward journey and at that time was covered with spicules like gorse spikes. This time it was clean swept and smooth. Predominating sastrugi SE, very large.
„	21	9th	88 8·7	„	20·13	−18·3	S	3	b.	0	—	—	—	—	
27	6	„	88 8·7	„	20·09	−17·0	S	3–4	b.e.	2	Ci.	on horizo	n.	—	
„	14.30	Lunch	88·2	„	20·02	−16·5	S	3–4	b.	0	—	—	—	—	
„	20.30	10th	87 54	„	19·93	−14·8	S	3	b.e.	3	Ci., Ci.-St.	—	—	—	
28	6	„	87 54	„	19·81	−17·7	S	3	b.e.	2	Ci.	Radiati SW by	ng from S	−19·3	Fine and clear. Clear till 14 h. when ice crystals began to fall. 22° halo.
„	15	Luneh	87 46	„	19·83	−20·3	S by E	4	b.e.	3	Ci., Ci.-St.	—	—	—	During afternoon breeze force 4, with surface drift. Fine weather. Horizon clear.
„	21.30	11th	87 38·2	„	19·82	−18·6	S by E	4	b.e.	4	Ci.	—	—	—	
29	6	„	87 38·2	„	19·82	−24·3	S	4–5	b.e.	3	Ci.	—	—	−24·0	Forenoon. Very heavy sastrugi at times, SSE and SE. 22° halo with colour strong. Radiant point from NW to WNW later. During afternoon considerable drift. Air full of snow crystals.
„	15	Lunch	87 28	„	19·85	−24·0	SSE	5	b.e.m.	5	Ci.	Radiatin to E	g WNW SE	—	
„	21.30	12th	87 18·6	„	19·88	−25·5	SSE	4–5	b.e.m.	2	Ci.	on horizo	n	—	
30	5.30	„	87 18·6	„	19·84	−25·9	S by E	4	b.e.m.–	3	Ci., Ci.-St.	on horizo	n	−25·5	5 h. 30 m.: Slight mist on horizon. Stiff breeze with surface drift all day. 20 h. 30 m.: Ice crystals falling. Hazy on horizon.
„	15	Lunch	87 9	„	19·95	−25·6	SSE	4–5	b.e.m.	2	Ci.	—	—	—	
„	20.30	13th	86 58·9	„	19·98	−24·5	S by E to SSE	3–4	b.e.–	3	Ci.	—	—	—	

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32 F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
January, 1912.			° ′	° ′	Inches.	° F.								° F.	
31	6	13th	86 58·9	160° approx.	19·95	−22·8	S by E	3	b.c.	3	Ci.	—	—	—	
,,	14	Lunch	86 54	—	20·00	−20·0	Calm	0	b.	2	Ci.	on horizon		—	Noon. 22° halo with mock suns, vivid colours. Undulations in surface of ice. Cap becoming noticeable.
,,	20.30	14th	86 45·4	—	20·06	−20·6	Calm to S. Airs	0–1	b.c.	4	Ci.	—	—	—	Ci. radiating NNW and SSE, rose from NE.
February, 1912.															
1	6	,,	86 45·4	—	20·02	−21·5	SSE	3–4	b.m.	3	Ci., Ci.-St.	—	—	−21·4	
,,	15	Lunch	—	—	—	−20·0	SSE	3–4	b.c.m.	4	Ci.	—	—	—	
,,	21.30	15th	86 35	—	20·14	−20·3	S by E	3	m.	6	Ci.-St., Ci.	—	—	—	22° halo.
2	6	,,	86 35	—	—	−16·6	S by E	4	—	5	Ci.-St.	—	—	−21·0	
,,	14.30	Lunch	—	—	20·23	−19·0	S by E	4	b.c.m.	4	Ci.	—	—	—	Drift.
,,	21	16th	86 18	—	20·41	−17·5	S by E	2	b.c.m.	3	Ci., Ci.-St.	—	—	—	
3	6	,,	86 18	—	20·49	−21·5	S by E	3	b.c.	4	Ci., Ci.-St.	—	—	—	22° halo. 11 h.: Sighted land from summit of ridge to E. Also A.-Cu. on horizon.
,,	15	Lunch	—	—	20·62	−21·3	S	2–3	b.c.	2	Ci., Ci.-Cu.	—	—	—	
,,	21.30	17th	86 2	—	20·75	−20·8	S	1–2	b.	0	—	—	—	—	
4	6	,,	86 2	—	20·73	−25·0	S by W	3–4	—	—	—	—	—	—	
,,	15	Lunch	—	—	20·80	−22·2	S by E	4	—	—	—	—	—	—	Iridescent Ci.
,,	21.30	18th	85 44	—	20·93	−23·4	S by E	3	Practically	cloudless	—	—	—	—	
5	—	,,	85 44	—	20·95	−21·5	—	—	—	—	—	—	—	—	
,,	15	Lunch	—	—	21·27	−17·8	—	—	—	—	—	—	—	—	
,,	21	19th	85 26	—	21·44	−17·7	Calm	0	b.c.	4	Ci.-St.	—	—	—	
6	6	,,	85 26	—	21·44	−20·2	—	—	c.b.	7	A.-St.	—	—	—	

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
February, 1912.			° ′	° ′	Inches.	° F.								° F.	
6	15	Lunch	—	—	21·54	−17·7	—	—	—	—	—	—	—	—	
,,	21	20th	85 18	—	21·80	−15·9	—	—	—	—	—	—	—	—	
7	6	,,	85 18	—	21·79	−20·3	—	—	—	—	—	—	—	—	
,,	15	Lunch (Upper Glacier Depot)	—	—	22·10	− 9·8	—	—	—	—	—	—	—	—	
,,	21	21st	85 7	—	22·19	−11·3	- -	4	b.	0	—	—	—	—	
8	6	,,	85 7	—	22·20	−13·7	—	—	—	—	—	—	—	—	
,,	15	Lunch	—	—	22·77	−11·5	SSW	6	b.	—	—	—	—	—	
,,	21	22nd	85 0	—	23·01	− 0·5	Calm	0	o.	9	Ci.-St.	—	—	—	Sun visible, also blue sky. 22° halo, with mock suns.
9	6	,,	85 0	—	23·04	6·9	—	3	o.c.	9	Ci.-St., Ci. A.-St.	—	—	—	
,,	15	Lunch	—	—	23·48	9·7	—	—	—	—	—	—	—	—	
,,	21	23rd	84 50	—	23·69	12·2	Calm	0	—	—	—	—	—	—	
10	6	,,	84 50	—	23·71	10·8	Calm	0	—	—	—	—	—	7–8	
,,	15.30	Lunch	—	—	24·03	12·5	Calm	0	o.f.s.	—	—	—	—	—	
,,	20.30	24th	84 44	—	24·33	9·4	N.	1–2	o.f.s.	10	St.	—	—	—	
11	5.30	,,	84·44	—	24·39	0·7	SSW	2	e.f.	9	Ci.-St., A.-St., St.	—	—	—	Fog on upper slopes of mountains and some on glacier. Gradually clearing. Sky clearing, also mountains.
,,	15	Lunch	—	—	24·65	6·0	SSW	1	o.c.	9	Ci.-St., St.	—	—	—	Blue sky visible through Ci.-St.
,,	23	25th	84 38	—	24·66	3·0	S	4	b.c.	4	Ci.-St., Ci.-Cu., A.-St.	—	—	—	Drift.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.		
February, 1912.			° ′	° ′	Inches.	° F.								° F.	
12	5.30	25th	84 38	—	24·62	2·3	—	—	b.c.	3	Ci., A.-St.	—	—	—	
,,	14.30	Lunch	84 34	—	25·22	11·0	—	—	—	—	—	—	—	—	
,,	22	26th	84 28	—	25·67	6·5	—	—	—	—	—	—	—	—	
13	9.30	,,	84 28	—	25·76	6·0	E	1	o.f.s.	10	St.	—	—	—	
,,	14	Lunch (Mid Glacier Depot)	84 24	—	25·97	8·9	SSE	1	o.f.s.	10	St.	—	—	—	
,,	22	27th	84 16	—	26·21	9·7	Calm	0	c.b.m.	6	Ci.-St., Ci.-Cu., A.-St.	—	—	—	Mist on hills.
14	6	,,	84 16	—	26·18	7·4	Calm to Light Airs	1	b.c.	5	—	—	—	5·5	
,,	15	Lunch	—	—	26·49	6·6	S	1	b.c.	3	—	—	—	—	
,,	21.30	28th	9	—	26·77	0·8	S	4	c.b.	6	—	—	—	—	
15	6	,,		—	26·93	1·9	S	4–5	c.b.	7	—	—	—	—	
,,	15	Lunch	—	—	27·01	10·4	S	3	o.c.	9	A.-St., St.	—	—	—	
,,	21.30	29th	83 55	—	27·34	3·5	N to Calm	1–0	o.c.	10	A.-St., St.	—	NE	—	
16	6	,,	83 55	—	27·34	5·9	Calm	0	o.	8	St., A.-St.	—	—	1·0	St. over mountain tops and upper glacier valley-Blue sky below to N.
,,	15.30	Lunch	—	—	27·79	5·6	Light N Airs	1	o.f.s.	10	A.-St., St.	—	—	—	Thick and snowing. Land just visible from time to time.
,,	21.30	30th	83 42	—	28·17	6·5	Light N Airs	1	o.f.s.	10	St.	—	—	—	Very thick: practically calm; everything obscured.
17	7.15	,,	83 42	—	28·24	3·3	Light NW Airs	1	o.f.s.	10	A.-St., St.	—	—	0·7	Sun visible; parhelion; land obscured.
,,	16	Lunch	—	—	28·66	—	—	—	—	—	—	—	—	—	Remained in camp till 3 h. on 18th. [Petty Officer E. Evans, R.N., died at about 1 h. 30 m.]

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction. (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from			
												Upper.	Lower.		
February, 1912.			° ′	° ′	Inches.	° F.								° F.	
18	6	31st (Lower Glacier Depot)	83 30	—	28·77	— 1·0	NNW	2	b.c.	5	Ci.-St., A.-St.	—	—	—	
,,	15	,,	83 25	—	28·68	0·8	N	2	b.	0	—	—	—	—	16 h.: Alternate puffs of wind passing over divide in gap.
19	6	32nd (Pony Depot)	83 25	—	29·08	— 5·7	NW	1	b.c.	3	Ci.-St.	On N horizon		—	15 h.: Fine and clear.
,,	16	Lunch	—	—	29·07	—16·6	Calm	0	b.c.	3	Ci., Ci.-St.	—	—	—	
,,	22	33rd	83 21	—	29·07	—17·5	Calm	0	—	—	—	—	—	—	
20	6	,,	83 21	—	29·14	—11·9	—	—	—	—	—	—	—	—	
,,	15	Lunch	—	—	—	—13·7	—	—	—	—	—	—	—	—	
,,	21	34th	83 14	—	29·04	—15·0	—	—	—	—	—	—	—	—	
21	6	,,	83 14	—	28·98	— 1·9	Calm	0	o.	9	Ci., A.-St.	—	—	—	
,,	15	Lunch	—	—	28·98	—	Calm	0	o.	—	—	—	—	—	
,,	21.30	35th	83 5	—	28·97	—11·7	Calm	0	b.c.	5	Ci., Ci.-St. A.-St.	Ci. radiating from SW	—	—	A.-St. over western mountains.
22	6	,,	83 5	—	29·12	—11·0	SW	1	b.c.	4	Ci., Ci.-St.	—	—	—20·0	Fine and clear. 11 h.: Breeze suddenly came away from SSE, force 4, increasing to 6.
,,	15	Lunch	—	—	29·19	3·5	SSE	5	b.c.s.	6	Ci., Ci.-St., St.	—	—	—	Drift.
,,	21	36th	82 55	—	—	— 1·8	SE by S	4–5	o.s.	10	Ci., St.	—	—	—	Drift.
23	6	,,	82 55	—	—	—11·5	S by W	3	b.c.	4	Ci.	—	—	—	
,,	14	Lunch	—	—	29·19	—10·7	SSW	2	b.c.	3	Ci.-St.	—	—	—	
,,	21.30	37th	82 47	—	29·15	—12·3	Calm	0	b.	0	—	—	—	—	Fine and clear.

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32 F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.		
February, 1912.			° ′	° ′	Inches.	° F								°F.	
24	—	37th	82 47	—	29·14	− 6·5	—	—	—	—	—	—	—	—	
,,	—	Lunch	—	—	29·14	− 7·9	—	—	—	—	—	—	—	—	
,,	—	38th	82 40	—	29·15	−17·8	—	—	—	—	—	—	—	—	
25	—	,,	82 40	—	29·18	−21·7	—	—	—	—	—	—	—	—	
,,	—	Lunch	—	—	29·13	−10·2	SSE	2	b.e.	5	Ci.-Cu., A.-St., Ci.	—	—	—	
,,	20.30	39th	82 28	—	29·06	−20·4	N	1	b.c.	5	A.-St.	NE	—	—	Dark bank of A.-St. rising and spreading over from NE.
26	6	,,	82 28	—	29·05	−21·7	Calm	0	b.c.	6	Ci., A.-St.	Round horizon		−24·0	Light N airs at times, and calm.
,,	14	Lunch	—	—	29·04	−17·6	S	2	b.c.	5	Ci.-St., A.-St.	—	—	—	
,,	20.30	40th	82 17	—	28·97	−22·0	Calm	0	b.c.	4	A.-St.	On SE and E horizon		—	All sastrugi and drifts here definitely SE.
27	6	,,	82 17	—	28·97	−33·6	S	1	o.m.	9	St., A.-St.	—	—	−36·0	During forenoon breeze S to SSE. force 2-3. Overcast; sun showing at intervals.
,,	15	Lunch	—	—	28·96	−15·8	S to SSE	2	o.	9	A.-St.	—	—	—	14 h.: Sky clearing. Breeze fell and sky cleared about 17 h. Fine and clear.
,,	20.30	41st	82 6	—	28·96	−32·5	Calm	0	b.	1	St.	On N horizon		—	21 h. 30 m.: Fine and clear.
28	6	,,	82 6	—	29·01	−32·4	N	1	b.c.	—	—	—	—	−41·5	
,,	15	Lunch	—	—	—	−22·8	NNW	2	b.c.	—	—	—	—	—	
,,	21	42nd	81 54	—	29·10	−27·6	NNW	2	b.	Cloudless	—	—	—	—	
29	6	,,	81 54	—	29·12	−31·9	NW	3	b.	3	A.-St.	On N horizon		−37·5	Clear cloudless weather all day. Land showing clearly. N breeze like a constant steady stream of air, force 1 to 2. Sastrugi SE to SSE, also drift to lee of cairns and old camps. Pony and dog tracks of Nov. 11th obliterated.
,,	15	Lunch	—	—	29·14	−22·6	NW	1	b.	2	A.-St.	Cu. on horizon		—	
,,	20	43rd	81 44	—	29·09	−32·5	N	1-2	b.	Cloudless	—	—	—	—	

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1912.			° ′	° ′	Inches.	F.								°F.	
1	5	43rd	81 44	—	29·01	−33·7	NNW	1–2	b.	Cloudless	—	—	—	−41·2	During forenoon NNW breeze, force 1 to 2 fell calm at about 13 h.
,,	14.30	Lunch	—	—	28·97	−26·9	Calm	0	b.	Cloudless	—	—	—	—	
,,	20	44th	81 35	—	28·95	−33·7	S	2	b.m.	Cloudless	—	—	—	—	Much mirage.
2	6	(Mid Barrier Depot)	81 35	—	28·90	−35·5	S by W	5–6	o.f.	10	St.	—	—	−40·3	Drift.
,,	15	Lunch	—	—	28·97	−21·3	S by W	3	o.f.	9	St.	—	—	—	Fog on horizon in places.
,,	21	45th	81 25	—	28·83	−32·6	Calm	0	b.m.	3	St.	—	—	—	
3	5	,,	81 25	—	—	−41·0	SW	2	b.c.	4	A.-St., St.	Radiating from S		—	
,,	13	Lunch	—	—	28·99	−13·8	SW	3	c.b.	6	A.-St., St.	—	—	—	
,,	19.30	46th	81 18	—	28·95	−15·5	SW to S	3	o.f.s.	10	St.	—	—	—	
4	5	,,	81 18	—	28·85	−24·3	W	2	b.c.	3	Ci., Ci.-St.	—	—	−24·0	Surface in this region is rendered very bad by deposit of snow crystals.
,,	13	Lunch	—	—	—	−13·5	SW	3–4	c.b.m.	6	Ci.-St., A.-St., St.	—	—	—	13 h. Drift. 18 h. 30 m. : Parhelion, vivid mock suns.
,,	21	47th	81 7	—	—	−25·0	SSW	5	m.s.b.	8	St.	—	—	—	21 h. 30 m. : s. and drift.
5	5	,,	81 7	—	—	−37·5	W by S	2	b.c.	2	Ci., Ci.-St.	—	—	−38·0	Neighbourhood very much cut up by sastrugi, SSW and S. Old dog-tracks (returning) visible. Sastrugi very high.
,,	13.45	Lunch	—	—	28·80	—	SW	3	c.b.m.	7	Ci.-St., St.	—	—	—	
,,	—	48th	80 58	—	—	—	—	—	—	—	—	—	—	—	
6	6.30	—	80 58	—	28·91	—	—	—	—	—	—	—	—	—	
,,	—	Lunch	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE 72. REGISTER OF THE MAIN POLAR PARTY, CAPE EVANS TO POLE AND BACK TO 80° S.

November 3rd, 1911, to March 12th, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32 °F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Minimum Temperature.	Remarks.
Day.	Hour.	Number of Camp.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.		
March, 1912.			° ′	° ′	Inches.	°F.								°F.	
6	—	49th	80 51	—	—	—	—	—	—	—	—	—	—	—	
7	5.30	,,	80 51	—	—	−38·0	—	—	—	—	—	—	—	—	
,,	15	Lunch	—	—	28·77	—	Calm	0	b.c.	3	Ci., Ci.-St.	—	—	—	
,,	20	50th	80 45	—	—	−33·0	—	—	—	—	—	—	—	—	
8	5.30	,,	80 45	—	28·84	−38·0	SW	2	b.c.m.	—	—	—	—	−45·0	
,,	—	Lunch	—	—	—	−35·2	—	—	—	—	—	—	—	—	
,,	—	51st	80 39	—	—	−38·5	—	—	—	—	—	—	—	—	
9	7.30	,,	80 39	—	28·97	—	—	—	—	—	—	—	—	—	
,,	14	,,	80 39	—	—	—	Calm	0	—	—	—	—	—	—	
,,	—	52nd	80 32	—	—	—	—	—	—	—	—	—	—	—	
10	6	,,	80 31	—	28·80	−35·0	—	—	—	—	—	—	—	−46·2	Ice crystals. Parhelion.
,,	—	Lunch	—	—	—	Thermometer broken	—	—	—	—	—	—	—	—	
,,	—	53rd	—	—	—	—	—	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
,,	14	Lunch	80 28	—	28·93	—	Calm	0	s.o.m.	10	St.	—	—	—	Slight snowfall with occasional NE airs. Clouds apparently moving slowly from W to E.
,,	—	54th	80 24	—	—	—	—	—	—	—	—	—	—	—	
12	—	,,	80 24	—	—	—	—	—	—	—	—	—	—	—	
,,	14.30	Lunch	80 20	—	29·09	—	—	—	—	—	—	—	—	—	

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Out : Hut Point to 80° 32′ S, 169° 23′ E. *Observer :* E. R. G. R. Evans.
Return : 81° 10′ S, 169° 30′ E to Hut Point. *Observer :* B. C. Day.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.	Long. E.			Direction (True),	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
October, 1911.				Inches.	°F.								
27	20	1 Mile WNW of Safety Camp. (Safety Camp = 77° 54′S. 167° 17′ E)		29·03	− 7·5	NE	2	b.c.	1	Ci., Ci.St., St.	—	—	
,,	24	½ ,,	,,	28·98	−19·3	Light Airs	1	o.	10	St.	—	—	
28	8	,,	,,	28·84	− 4·5	E	4	o.s.	10	St.	—	—	Minimum Temperature, −24·5° F. 7 h. 20 m. : Wind freshened to force 6.
,,	23	6. m. 625 yds.	,,	28·61	−17·5	SSE	2	b.c.	2	Ci., Ci.St., St.	—	ESE	22 h. : parhelion.
29	9	,,	,,	28·52	− 2·0	SSW	3	b.c.	3	St., Ci.St.	—	SE	Minimum Temperature, −19·5° F.
,,	18	8 m. 1625 yds.	,,	28·51	2·8	WSW	4	b.c.	4	Ci.-St.	—	—	
,,	24	10 m.	,,	28·55	−14·5	WSW	2	b.c.	3	St., Ci., Ci.-Cu.	—	SE	Ci.-Cu. radiating from SE.
30	9.40	,,	,,	28·75	4·0	Light Variable Airs		o.m.s.	10	Ci.-St., St.	—	—	Minimum Temperature, −22·5° F. Blue sky (3) visible overhead through thin Ci.-St. At 10 h. a strong gust of wind from WSW, and at 10 h. 15 m. blizzard with high drift set in from SW ; at 11 h. wind shifted to S. force 6-7, and squally.
,,	18	,,	,,	28·95	4·0	S	6–7	s.	10	St.	—	—	Heavy blizzard throughout day.
31	7	,,	,,	29·15	8·0	S	3	o.m.	10	St.	—	—	3 h.–6 h. : Blizzard continued with unabated force. 12 h. : sky breaking. No more drift.
,,	16.20	12½ m.	,,	29·09	9·0	Light Airs	1	b.c.m.	6	Ci,St., Ci.Cu., Ci.	—	E	
,,	22.40	17·3 m.	,,	28·98	− 7·0	Calm	0	b.c.	4	St., Ci.-St.	—	—	
November, 1911.													
1	7.15	17·3 m.	,,	28·95	− 8·3	Calm	0	b.c.	1	St.	—	—	Minimum Temperature, −25·3° F.
,,	15	20·3 m.	,,	29·19	2·8	S	4	o.m.	10	St.	—	—	10 h. : Clouds working up from SSW. Low drift ; wind force 4 from SSE. 16 h. 45 m. drift. o.q.

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.				Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.		Long. E.				Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
November, 1911.						Inches.	°F.								
1	18·40	Corner Camp. 77° 54′S. 167° 17′E				29·22	2·7	SSE	6	o.q.	10	St.	—	—	Drift.
2	6·30	,,		,,		29·51	− 7·0	SW	1	o.m.	10	Ci., St.	—	—	Minimum Temperature, −7·3° F. Blue sky (2) visible through thin Ci.-St.
,,	14·30	1½ m. S of Corner Camp.				29·52	7·4	SW	4	b.m.	6	St.	—	—	Low drift.
		Lat. °	′	Long. °	′										
,,	20·15	78	7	168	59	29·53	0·0	S	6	b.c.m.	5	St.	—	—	Low drift this afternoon.
3	5	78	7	168	59	29·52	− 7·0	SW	2	b.c.	8	Ci., Ci.-St.	—	—	Minimum Temperature, −17·0° F. Ci. radiating from S.
,,	12·45	78	13·5	169	0	29·38	12·0	S by W	4–5	b.c.	7	Ci.,Ci.-St., St.	—	—	
,,	21·20	78	17·5	169	0	29·26	− 3·0	Light NE Airs	1	b.c.	6	Ci., Ci.-St.	—	—	17 h.: faint parhelion.
4	5·15	78	17	169	0	29·24	− 4·7	S	2	o.	10	Ci., Ci.-St., St.	—	—	Minimum Temperature, −12·2° F. Blue sky (3) visible through thin Ci.
,,	12	78	23·5	169	3	29·39	7·3	SSW	1–2	o.	10	Ci-St., St.	—	—	Blue sky (3) visible through Ci.-St.
,,	19	78	30·9	169	4	29·58	5·0	Calm	0	b.c.	6	Ci., Ci.-St., St.	SW	SSW	Ci. radiating from SW.
5	5·15	78	30·9	169	4	29·56	− 5·5	SW	1–2	c.	10	Ci.-St.	SW	—	Minimum Temperature, −13·7° F. Ci. radiating from SW. Thin Ci.-St. covering sky. Blue sky (6) visible through cloud.
,,	13	78	38·7	169	8	29·49	12·5	NW	3	b.c.	4	Ci.	—	—	
,,	21	78	45	169	12	29·40	13·0	N	2	b.c.	3	Ci., Ci.-St.	NW	—	
6	5.30	78	45	169	12	29·37	− 3·0	SW	3–4	b.c.	6	Ci., Ci.-Cu., St.	—	—	Clouds radiating from SW.
,,	13	78	53	169	15	29·32	6·2	SW	4	b.c.	4	Ci.-Cu., St., Ci.-St.	SW	SW	St. cloud. Cu.-St. to Southward. Mackerel sky from SE. Minimum Temperature, −4·7° F.
,,	20	78	57	169	16	29·27	4·0	SW	5	o.s.	10	St.	—	SW	Low St. on Bluff. Erebus and Terror obscured.
7	5.30	78	57	169	16	29·26	− 3·5	SW	4	o.	10	Ci., St.	—	—	Minimum Temperature, −4·5° F. Blue sky (3) visible through thin Ci.
,,	13	79	4	169	18	29·30	7·5	SSW	3	o.c.	10	St., Ci.-St., Ci.	—	—	Blue sky (2) visible through thin Ci.

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.		Long. E.				Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
November, 1911.		°	′	°	′	Inches.	° F.								
7	19.45	79	10	169	20	29·33(?)	4·2	NNE	1	o.m.	10	St.	—	N	
8	5.15	79	10	169	20	29·33	0·2	Calm	0	c.	10	Ci., Ci.-St., St.	—	—	22° halo. Ci. cloud radiating from SW by W. Minimum Temperature −2·3° F.
,,	12.15	79	17	169	21	29·35	10·0	Light NW	Airs	b.c.	6	St., Ci.-St.	—	—	
,,	20.30	79	24	169	21	29·25	6·0	Light NE	Airs	b.c.	1	Ci.-St.	—	—	
9	5.15	79	24	169	21	29·15(?)	2·3	SW	4	b.c.	1	Ci.-St.	—	—	Minimum Temperature −1·5° F.
,,	13	79	29	169	22	29·08	3·8	S	3	b.c.	6	Ci., Ci.-St.	—	—	
,,	18.40	79	34·5	169	22	29·08	− 1·1	SW	2	b.c.	6	Ci., Ci.-St., St.	—	—	Solar halo.
10	5.15	79	34·5	169	22	29·11	− 3·0	NE	1–2	o.	10	St.	—	—	Minimum Temperature −8·0° F.
,,	14	79	40	169	22	29·25	7·0	NE	2	o.	10	St., Ci.	—	—	
,,	19.15	79	45	169	22	29·26	3·6	NE	1–2	o.s.	10	St.	—	—	Parhelion.
11	5.15	79	45	169	22	29·23	−10·0	NE	1–2	b.c.	4	Ci.-Cu., St., Ci.	—	—	Minimum Temperature −9·7° F., but after swinging thermometer registered −10·5° F.
,,	12.45	79	50	169	22	29·24	9·7	NNE	4	o.s.	10	St.	—	NW	11 h.: Sky rapidly overcasting from NW. 12 h. 45 m.: Small patch of blue sky remains to SW.
,,	19.45	79	55	169	22	29·20	6·8	NNE	3	o. ←	10	St.	—	N	19 h.: Small patches of blue sky occasionally visible.
12	5.45	79	55	169	22	29·23	8·5	NNE	4	o.m.	10	Cu.-St., St.	—	NNW	Minimum Temperature 2·3° F. A small patch of blue sky to SW. Horizon barely visible to N.
,,	13	80	0	169	22	29·29	12·8	NE by N	3	b.c. ←	9	Cu.-St., St.	—	N	
,,	20.5	80	5·1	169	22	29·29	1·2	NE by E	1–2	b.c.s.	5	Ci., Ci.-Cu., Cu.-St., St.	N	N	Ci.-Cu. radiating from NW.
13	5.15	80	5·1	169	22	29·30	− 0·5	Light E	Airs	b.c.s.	7	Ci.-St.	—	—	Minimum Temperature −8·5° F.
,,	13	80	10	169	22	29·36	13·5	NNE	1–2	o.c. ←	10	St., Ci.-St.	N	N	Sky overcast at 11 h. Small patch of blue sky visible to SE.

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.				Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.				Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
November, 1911.		°	′	°	′	Inches.	°F.								
13	19.30	80	15	169	22	29·35	9·7	NE by N	2	c.	9	St.-Cu., St.	NE by N	NE by N	Snow apparently falling in NNW.
14	5.30	80	15	169	22	29·31	— 4·7	E	1–2	b.c.	6	Ci.-Cu., St., Ci.	NW	—	Minimum Temperature —13·5° F. Ci. radiating from NW.
,,	13	80	20	169	22	29·33	3·2	Calm	0	b.c.	1	Ci.	—	—	
,	20.20	80	25	169	22	29·30	— 5·3	Calm	0	b.c.	1	Ci.	—	—	
15	5.15	80	25	169	22	29·27	— 9·8	Calm	0	b.c.	1	Ci.	—	—	Minimum Temperature —16·7° F.
,,	13	80	32	169	23	29·41	7·0	Lt. N Airs	1	c.	9	Ci.-St., St.	N	N	9 h. 30 m.: Sky rapidly overcasting from N.
,,	20	80	32	169	23	29·45	4·0	Lt. S Airs	1	o.	10	St.	—	—	
16	8	80	32	169	23	29·45	— 7·5	S	3	b.c.	5	St.	S	S	Minimum Temperature —8·5° F.
,,	12	80	32	169	23	29·46	— 6·5	S	3–4	b.c.	1	Ci.-St.	S	—	
,,	20.10	80	32	169	23	29·45	— 7·7	S	1–2	b.c.	2	St., Ci.-St.	SSE	SSE	Bank of fog to SW.
17	8	80	32	169	23	29·38	—12·5	SSW	2–3	b.c.	4	Ci., Ci.-Cu.	SSE	—	Minimum Temperature —17·7° F.
,,	14	80	32	169	23	29·35	— 1·5	SSW	1–2	b.c.	1	Ci., St.	—	—	
,,	19.30	80	32	169	23	29·31	— 6·0	WSW	1–2	b.c.	1	Ci.-St.	—	—	
18	8	80	32	169	23	29·36	— 5·0	WSW	1–2	b.c.	1	Ci.-St.	—	—	Minimum Temperature —16·5° F.
,,	13	80	32	169	23	29·39	8·0	WSW	1–2	b.c.	2	Ci., Ci.-Cu.	WSW	—	
,,	19.15	80	32	169	23	29·38	1·0	WSW	1–2	b.c.	2	Ci.-Cu., Ci.	—	—	
19	8	80	32	169	23	29·40	— 2·5	Calm	0	b.c.	3	Ci., Ci.-St.	—	—	Minimum Temperature —14·5° F.
,,	12	80	32	169	23	29·43	3·5	Calm	0	b.c.	2	Ci.-St.	—	—	
,,	20	80	32	169	23	29·40	2·0	Calm	0	b.c.	2	Ci.-St.	—	—	

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
November, 1911.		° ′	°	Inches.	°F.								
20	7	80 32	169 23	29·45	2·0	SW	3	b.c.	7	St., Ci.-St., Ci.	SW	—	Minimum Temperature —13·5° F. Ci. radiating from SW.
,,	12	80 32	169 23	29·49 (?)	9·2	SW	4–5	b.c.	8	Ci.-St., St.	SW	SW	Ci.-St. radiating from S.W.
,,	19.30	80 32	169 23	29·64	7·0	SW	3–4	b.c.	6	Ci.-St., St.	SW	W	Ci. radiating from SW.
21	6.30	80 32	169 23	29·70	1·2	SW	1–2	b.c.	3	Ci., St.	—	—	
Observations interrupted. Return journey commenced November 25th.													
25	11.30	81 10	169 23	29·65	1·8	SW	1–2	c.	7	Ci.-St., Ci.-Cu.	—	—	Ci.-St. radiating from N to S. Light Ci.-Cu. to W.
,,	21	81 0	169 23	29·47	— 1·7	Calm	0	c.	9	Ci.-St., St.-Cu.	—	—	Ci.-St. radiating S and N, but detached light St.-Cu. to the NW, W, and SW.
26	9.30	81 0	169 23	29·33	5·8	SW by W	1	≡	9	—	—	—	Haze over the sky; sun just showing. Minimum temperature —4·5° F. Hoar-frost.
,,	13.30	80 54	169 23	29·26	9·2	SW by W	1–2	≡←	9	Ci.-St.	SW by W	—	Haze over the sky, thick on the horizon. Faint parhelion. Fog crystals falling.
,,	19.30	80 48	169 23	29·23	9·0	NE by E	1–2	≡←	9	Ci.-St.	—	—	Haze over the sky, thick on the horizon. Halo. Fog crystals falling. Wind in NW all the afternoon, but changed to NE about 19 h.
27	7	80 48	169 23	29·36	5·2	—	—	≡←	9	Ci.-St.	—	—	Slight mist, sun shining. Faint halo.
,,	13	80 43	169 23	29·43	6·2	SW by W	1	c.←	8	Ci.-St.	—	—	Light Ci.-St. over the whole sky. Sun much stronger. Small crystals falling.
,,	19	80 37	169 23	29·45	5·2	SW	1	c.	7	Ci.-St., A.-St.	—	—	Light Ci.-St. over the whole sky; detached St.-Cu. to SE and S.
28	6.30	80 37	169 23	29·50	5·5	SW	2	←	4	Ci.-Cu., St.-Cu.	—	SW	Minimum Temperature —8·7° F. Light Ci.-Cu. to W and E, upper clouds; also St.-Cu. to W, lower clouds.
,,	13.15	80 31	169 23	29·56	13·0	SW	2–3	←	3–4	St.-Cu.	—	—	St.-Cu. trending from SW to NE, with three apparent cyclones of snow very plain, and two to the SE. Crystals falling all morning, very thick at times.
,,	21	80 31	169 23	29·60	8·0	SW	1	—	5	Nb., St.-Cu.	—	—	St.-Cu. in zenith; Nb to NE on the horizon.
29	8	80 31	169 23	29·64	12·0	SW	—	—	9	Nb.	—	—	Minimum Temperature 0·2° F. Overcast, snowing, very light SW airs. Hoar-frost.

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th. 1911.

Time.		Position.		Barometer (Aneroid) Reduced to 32 °F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
				Inches.	°F.								
November, 1911.		° ′	° ′										
29	15	80 26	169 23	29·65	12·0	SW and NE	Light	s.	10	Nb.	—	—	Overcast and snowing all morning. Wind, what there is, sometimes from NE and sometimes SW; apparently there has been no wind here since the 21st, as the old tracks are not drifted up, but are nearly filled up with soft snow, 1½ inches deep.
,,	20.45	80 21	169 23	29·64	6·0	—	—	s.	10	Nb.	—	—	Overcast: snowing more or less all day.
30	7.30	80 21	169 23	29·65	8·0	—	—	—	—	—	—	—	Minimum Temperature 7·0° F. Fog and hoar-frost.
,,	18.15	80 14	169 23	29·74	4·9	—	—	c.	4	St.-Cu., Ci.-St.	SE	—	Strong sun. Fog cleared about 10 h. 30 m.; fog to N. St.-Cu. to S. St. over whole sky.
December, 1911.													
1	8	80 14	169 23	29·70	3·0	—	—	—	7	A.-Cu.	SE	—	Minimum Temperature −8·1° F. Slight fog on the horizon all round.
,,	13.30	80 7	169 23	29·69	8·0	—	—	—	6	Nb., St.-Cu.	—	NE	St.-Cu. clouds to NW. and gradually overspreading the sky from NE to SW.
,,	19.30	80 1	169 23	29·68	8·2	—	—	—	7	St.-Cu.	—	—	St.-Cu. clouds over the whole sky, except for a few blue patches.
2	7	80 1	169 23	29·54	0·5	NW	1–2	—	4	Ci.-St.	—	—	Minimum Temperature −8·5° F. Hoar-frost.
,,	13.30	79 54	169 23	29·54	11·0	SW	1–2	—	8	A.-Cu., St.-Cu.	—	NW	St.-Cu. clouds drifting from NW to SE; above them in places A.-Cu. Haze to S, SW, and W. Blue sky to NW, N, and E along the horizon.
,,	19.30	79 49	169 23	29·50	7·3	NW	1–2	o.	9	St.	—	NW	St. clouds overspreading the whole sky, small strip of blue sky to NE. The surface is very soft, and our old outward tracks of November 11th have almost disappeared, and the pony tracks of the 18th are just visible. Apparently ice crystals falling, due to fog and no wind; if any wind, SW.
3	8	79 49	169 22	29·46	5·9	SW	1	o.	10	St.	—	—	Minimum Temperature 5·0° F. St. over the whole sky. Hoar-frost.
,,	14.30	79 44	169 22	29·41	9·0	SW and NW	9	o.	9	St.	—	SW	St. over the whole sky, except a strip of blue to NE. Hoar-frost.
,,	20	79 39	169 22	29·40	3·0	—	—	—	5	St., A.-Cu.	SW	NE, E, S, SW, W	St. lying along the horizon to S and NE, also to SW and W, which looks like the fog we have had nearly all day. A.-Cu. in zenith.
4	8	79 39	169 22	29·66	10·0	SE	3	—	9	St., A.-Cu., St.-Cu.	—	—	Minimum Temperature −11·3° F. Very bad light, cannot possibly see the tracks.

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.		Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
December, 1911.		° ′	° ′	Inches.	°F.								
4	15.15	79 39	169 22	29·80	15·0	SE	3	←	7	A.-Cu.	SE	SE	Nb. to S, W, and NW; clear patch of sky in zenith: sun shining, light better.
,,	19.30	79 33	169 22	29·74	7·0	SW	3	← c.	6	St.-Cu., Ci.-St., A.-Cu.	SW — W	W — E	Ci.-St. in W zenith. Low Nb. along western horizon, apparently fog. A.-Cu. in small patches in W zenith. Traeks (pony) obliterated by fog crystals and hoar frost, what wind there has been being from the SW.
5	6.30	79 33	169 22	29·39	9·0	SW	3	← o.	8	Nb.	—	—	Minimum Temperature 1·0° F. Overcast with a SW breeze; a little low drift. Faint blue patch of sky to NW.
,,	9.15	79 31	169 22	29·30	13·0	SW	4–5	← o.	9	Nb.	—	—	Overcast with a SW breeze. Drift much thicker. Faint blue patch of sky to NW.
6	8.30	79 31	169 22	29·14	32·0	SE	2	← o.m.	9	St.-Cu.	—	SE	Minimum Temperature 15·5° F. The wind has just died down, having raised a considerable amount of drift. Wind forced us to camp yesterday at 9 h. 15 m., and blew very hard, force 5, raising drift; then changed to SE, and with it rose the temperature, and this morning everything is wet and the surface sticky.
,,	10.20	79 31	169 22	—	34·0	SE by E	2–3	—	10	St.-Cu.	—	SE	Minimum Temperature 32° F. *Note.*—Temperature gone up 2°; every dark object—*i.e.*, sledge, shovel, ski-boards—all wet.
,,	11.30	79 31	169 22	29·16	29·5	SE by E	2–3	o.m.	10	St.-Cu.	—	SE	Water still lying on all dark objects; surface very soft.
,,	17.45	79 29 (One Ton Depot)	169 22	29·21	29·5	SE by E	3–4	o.m.	10	St.-Cu.	—	SE	Water still lying on all dark objects; surface very soft: water running off sledges here (One Ton Depot).
,,	21.30	79 27	169 22	29·23	28·0	SE	3–4	s.o.m.	10	St.-Cu.	—	SE	Very bad light, snowing.
7	13.20	79 27	169 22	29·38	25·0	NE	4–5	—	3	St.-Cu.	—	—	St.-Cu. from SE to SW, and N along the horizon; clear to E and overhead.
,,	18·30	79 21	169 22	29·52	20·5	SE	1–2	—	4	St.-Cu.	—	NE	St.-Cu. to N, E, W, and NW; clear sky to S and in zenith.
,,	23	79 18	169 22	29·61	21·5	SE	1	o.	9	St.-Cu.	—	NE	St.-Cu. clouds have come up from NE and covered the whole sky, except a small strip of blue sky to SW.
8	9	79 18	169 22	29·84	27·0	—	—	e.	5	St.-Cu.	—	—	Minimum Temperature 21·5° F. St.-Cu. all round the horizon. About 1 ft. 4 in. snow lying, having fallen during the night.
,,	23	79 14	169 22	29·77	15·0	NNE	4–5	—	2	Ci.-St., Ci.-Cu.	W, NE	—	Ci.-St. to W over Mt. Morning. Low drift. Clear sky.
9	3.30	79 13	169 22	29·73	16·0	NNW	4–5	—	2	Ci.-St., Ci.-Cu.	W, NE	—	Surface very bad, soft snow, 1 ft. deep to 6 in. (drift very thick 3 h. 30 m.).
,,	15	79 13	169 22	29·66	24·0	NNW	2–3	—	3	Ci.-St., St.	NW, N, NE	E	Minimum Temperature 11·0° F. Ci.-St. trending to NE; low banks of St. to E.

TABLE 73. REGISTER OF MOTOR PARTY,

October 27th to December 20th, 1911.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.				Direction. (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from		
													Upper.	Lower.	
December, 1911.		°	′	°	′	Inches.	°F.								
9	20	79	7	169	22	29·58	23·0	NNW	1	b.	0	—	—	—	
10	1.15	79	3	169	22	29·51	17·0	NNW	—	b.	1	St.-Cu.	—	S	
,,	11.30	79	3	169	22	29·50	19·8	SW	2–3	—	1	Ci.-St.	E	—	Minimum Temperature 8·0° F.
,,	19.30	78	57 (Bluff Depot)	169	22	29·49	17·0	W	1	b.	1	Ci.-St	SE	—	
,,	23.15	78	57	169	22	29·45	7·2	Calm	0	—	1	Ci.-St.	SE	—	Minimum Temperature 6·8° F. Low fog on the horizon all round ; calm.
11	8	78	57	169	22	29·34	15·0	SW	3	—	2	Ci.-Cu.	SE	—	Minimum Temperature 1·8° F.
,,	14.30	78	52	169	22	29·40	17·2	SW	1	—	5	A.-Cu., St.-Cu.	NNE	SE	Low fog on E and S horizon.
,,	20.30	78	46	169	12	29·47	18·0	SW	2	—	6	Ci.-Cu., St.-Cu.	—	SE, S	Low bank of fog to S.
12	12	78	46	169	12	29·48	—	SW	5–6	—	3	St.-Cu.	—	SW	St.-Cu. clouds to SW. Strong wind and much drift. Sun shining.
,,	20	78	46	169	12	29·51	25·0	SW	5–6	—	4	St.-Cu.	—	SW, W	Minimum Temperature 4·0° F. Wind still strong ; low drift. Sun shining and melting snow on dark objects.
,,	24	78	34	169	12	29·52	18·0	SW	5–6	—	5	St.-Cu.	—	SW, W	Wind a little stronger when camped. Low drift all the time while travelling, which got thicker when we camped. Sun shining. Spiral clouds on all high land. Used a sail on sledge with *much* success (12 miles).
13	19	78	34	169	12	29·47	24·5	SSW	5–6	—	4	Ci.-St., St.-Cu.	W, SE	W	Drift low and thick. Sun shining. Spiral clouds on all high land.
14	7	78	34	169	12	29·35	20·5	SSW	4–5	—	4	Ci.-St.	SW, W, NW	—	Drift low. Sun shining. Spiral clouds on high land.
,,	13	78	25	169	12	29·32	23·5	SSW	5–6	—	3	Ci., St.-Cu.	W, NW	N	Ci. clouds cover Western mountains. St.-Cu. over Ross Island. Heavy low drift.
,,	19	78	17	169	12	29·32	23·5	SSW	4–5	—	8	St.-Cu.	—	SSW	St.-Cu. came up about one hour ago from SW, but seemed to form in SE, where they are very thick, and although the wind dropped somewhat the low drift got thicker and the sun went in.
15	9	78	17	169	0	29·30	25·2	SSW	4	s.	10	Nb.	—	—	Minimum Temperature 21·0° F. Snowing and drifting. No land visible.
,,	17.30	78	17	169	0	29·33	29·0	SSW	1	—	—	St.-Cu.	—	SW	

TABLE 73. REGISTER OF MOTOR PARTY.

October 27th to December 20th, 1911.

Time.		Position.		Barometer (Aneroid) Reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0-12).		Amount (0-10).	Kind.	Direction from Upper.	Direction from Lower.	
December, 1911.		° ′	° ′	Inches.	°F.								
15	21	78 13	169 0	29·36	25·0	—	—	—	—	Ci., St.-Cu.	W	SE	St.-Cu. clouds to SE apparently passing away from the NW. Ci. clouds over Western mountains. St. clouds over Ross Island, otherwise clear and sunny.
16	2.30	78 11	169 0	29·49	15·5	—	—	—	—	Ci., St.-Cu.	W	SE	St. clouds over Ross Island.
,,	12	78 11	169 0	—	27·2	SSW	5–6	s.	9	St.-Cu.	—	SW	Minimum Temperature 11·1° F. Sun shining at intervals. Snow and drift.
,,	16	78 11	169 0	29·78	23·0	SSW	4–5	—	6	St.-Cu.	—	SW	Sun shining. Land visible. Drift.
,,	22.30	78 9	169 0	29·80	18·0	—	—	—	1	Ci., Cu.	W	N	Ci.-Cu. to SE.
17	5	Corner Camp		29·77	8·0	—	—	f.	—	—	—	—	At 3 h. a fog rolled up from the N and enveloped the horizon all round and a faint Fog Bow was visible, but the fog cleared off, or is doing so now, and has nearly disappeared.
,,	14.30	,, ,,		29·75	26·0	N	1	—	3	St.-Cu.	—	W	Minimum Temperature 8·0 F. Small patches of St.-Cu. clouds floating up from the N. Fog bank to SE. Erebus smoke blowing over to SE.
,,	20	2 miles W of Corner Camp		29·71	21·5	NE	1	o.	8	St.-Cu.	—	N, SE. W	Open water. Clouds off Cape Crozier.
18	1	7 ,,	,,	29·67	21·0	NNE	1	o.	9	St.-Cu.	—	N	Bad light. Bank of St.-Cu. lying on all the land; clear strip of blue sky on S horizon.
,,	10.30	7 ,,	,,	29·71	23·9	NNE	1	o.	10	St.-Cu.	—	—	Minimum Temperature 21·0° F.
,,	17	11 ,,	,,	29·69	27·0	NNE	1	—	8	Ci., St.-Cu.	SW	SW	Detached Ci. clouds in zenith.
,,	22	16 ,,	,,	29·67	20·8	NNE	1	—	6	Ci., St.-Cu.	—	NW	Detached Ci. clouds in zenith. St.-Cu. clouds in W, over Ross Island, and to SE.
19	8	16 ,,	,,	29·76	28·0	—	—	—	—	Ci.	—	NE	Minimum Temperature 15·0° F. Detached Ci. clouds in zenith; Cu. clouds to NNE.
,,	13.15	21 ,,	,,	29·79	29·8	NNE	1	s.o.	—	St.-Cu.	—	NW	Light snow falling over the Peninsula and South of Mt. Terra Nova.
20	9	Hut Point		29·22	28·2	NE	1	—	—	St.-Cu.	—	NE	
,,	15	,,		29·74	37·8	—	—	o.	9	St.-Cu.	—	—	St.-Cu. clouds along SW horizon.
,,	22	,,		29·76	25·0	E	1–2	s.o.	10	—	—	—	Minimum Temperature 25·0° F. Thick driving snow.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Observer : C. H. MEARES.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long. E.			Direction (True).	Force (0–12).			
NOVEMBER, 1911.			Miles.	° ′	° ′	Inches.	°F.					
5	14	From Hut Point	11	77 50 (= Hut Point)	166 58	29·62	22·0	Calm	0.	Sunny	4	Light fleecy clouds.
,,	16	,,	17	—	—	29·57	14·5	NW	2	Sunny	4	Light fleecy clouds.
6	4	,,	17	—	—	29·41	−6·5	S	5	Sunny	3	Heavy clouds on horizon. Low drift.
,,	7.30	,,	30	—	—	29·38	4·5	SE	5	0.	10	Thick fog and low drift.
,,	10.30	,,	30	—	—	29·36	9·5	S	6	0.	10	Clearing in S.
7	3	,,	30	—	—	29·31	−2·5	SE	5	0.	8	Blizzard during night
,,	6.30	S of Corner Camp	10	78 3 (= Corner Camp)	168 59	29·33	1·5	SE	6	0.	10	Drift.
,,	16	,,	10	78 13	—	29·37	11·5	SE	6	0.	10	Drift.
8	7.30	,,	10		—	29·45	14·5	SE	2	0.	7	Sun shining through clouds.
,,	11	,,	20		—	29·37	14·5	N	1	Sunny	3	Low white fleecy clouds.
,,	15.30	,,	20	78 23	—	29·34	11·5	N	1	Sunny	5	Sun shining through clouds. Faint parhelion
9	4	,,	20		—	29·14	5·5	S	3	Sunny	1	Faint clouds on horizon.
,,	7	,,	30		—	29·11	13·5	S	3	Sunny	2	Clouds on N horizon.
,,	13	,,	30		—	29·11	15·5	S	6	0.	9	Slight drift.
10	12	,,	30	78 33	—	29·21	9·5	S	6	0.	10	Drift.
,,	16	,,	30		—	29·29	6·5	S	5	0.	10	Drift.
,,	24	,,	30		—	29·27(?)	2·5	S	2	0.	10	Sky breaking in S.
11	3.30	,,	40	78 43	—	29·26	1·5	SE	2	0.	10	Sky breaking in S.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long. E.			Direction (True).	Force (0–12).			
NOVEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
11	7	S of Corner Camp	50		—	29·22	5·5	SE	3	o.	10	Snow falling.
,,	15	,,	50	78 53	—	29·19	14·5	NE	4	o.	9	Sun shining through clouds.
12	5	,,	50		—	29·20	5·5	NE	5	o.	10	Snow falling.
,,	8	,,	60		—	29·21	5·5	NE	4	o.	10	Snow falling.
,,	14	,,	60	79 3	—	29·25	12·5	NE	3	o.	10	Slight snow falling.
13	4	,,	60		—	29·27(?)	9·5	NE	3	o.	10	Snow falling.
,,	7	,,	70		—	29·32	8·5	SE	1	Sunny	5	Snow crystals falling ; 6 inches fresh snow on surface.
,,	15	,,	70	79 13	—	29·30	14·5	SE	2	o.	10	Snow falling.
14	4	,,	70	—	—	29·29	1·5	SE	3	o.	10	Snow falling.
,,	7.30	,,	80		—	29·31	3·0	SE	2	Sunny	8	7h. parhelion.
,,	12	,,	80	79 23	—	29·36	9·5	Calm	0	Sunny	4	Light clouds around horizon.
15	4	,,	80		—	29·30	1·5	SE	2	o.	9	Clear along horizon.
,,	6	One Ton Camp	87		—	29·31	8·5	NE	1	o.	9½	Snow beginning to fall.
,,	15	,,	87		—	29·38	12·5	S	1	o.	9½	Little clear to SW.
16	8	,,	87	79 30	—	29·46	−8·5	SW	5	o.	10	Slight drift.
,,	15	,,	87		—	29·44	−2·5	SW	3	o.	10	Sun visible through clouds.
17	4	,,	87		—	29·37	−13·5	SW	3	Sunny	2	Dark around horizon.
,,	9	,,	100		—	29·36	−4.5	S	4	Sunny	2	Low fog of snow crystals. Double parhelion.
,,	15	,,	100	79 43	—	29·37	−1·5	SW	3	Sunny	2	Heavy clouds to SW.
18	5	,,	100		—	29·32	−10·5	SW	2	Sunny	1	Thin white clouds.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long. E.			Direction (True).	Force (0–12).			
NOVEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
18	9	One Ton Camp	113		—	29·39	3·5	SW	2	Sunny	1	Mackerel-back clouds.
,,	16	,,	113	79 56	—	29·41	3·5	SW	1	Sunny	1	Mackerel-back clouds.
19	4	,,	113		—	29·38	−6·5	SW	1	Sunny	4	Light fleecy clouds.
,,	8.30	,,	126		—	29·43	0·5	Calm	0	Sunny	2	Light fleecy clouds.
,,	12	,,	126	80 9	—	29·44	7·5	SW	3	Sunny	2	Streaky white clouds.
20	4	,,	126		—	29·41	−4·5	SW	3	Sunny	5	Heavy clouds around horizon.
,,	8.30	,,	139		—	29·48	5·5	SW	3	Sunny	5	Wind clouds spreading from N and S.
21	4	,,	139	80 21	—	29·68	0·5	S	2	Sunny	4	Bank of white clouds in S.
,,	11	,,	152		—	29·78	9·5	Calm	0	Sunny	1	Low white clouds in S.
,,	15	,,	152	80 35	—	29·77	10·5	Calm	0	Sunny	1	Low white clouds in N.
22	4	,,	152		—	29·65	5·5	N	1	Sunny	2	Scattered wind clouds.
,,	8	,,	165		—	29·69	3·5	N	1	Sunny	4	Mackerel-back clouds.
,,	16	,,	165	80 48	—	29·72	10·5	NW	3	Sunny	3	Bank of clouds to NW.
23	5	S of Corner Camp	165	—	—	29·70	−0·5	NW	3	o.	9	Sun visible through clouds.
,,	9	,,	178		—	29·76	8·5	SW	4	Sunny	6	Heavy clouds to SW.
,,	15	,,	178	81 1	—	29·74	7·5	SW	3	o.	10	Blizzard threatening.
24	5	,,	178		—	29·88	−2·5	SW	3	Sunny	1	Clouds low on horizon all round.
,,	9	,,	191		—	29·88	8·5	SE	1	Sunny	2	Clouds low on horizon all round.
,,	12.30	,,	191	81 14	—	29·89	12·5	NW	2	Sunny	3	Banks of cloud on W and SW horizon
25	6	,,	191		—	29·70	−0·5	SW	1	Sunny	2	Low clouds around horizon.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S. AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long. E.			Direction. (True).	Force (0–12).			
NOVEMBER, 1911			Miles.	° ′	° ′	Inches.	° F.					
25	11	S of Corner Camp	204		—	29·64	7·5	S	2	Sunny	4	Wind clouds from N and S to zenith.
,,	15	,,	204	81 27	—	29·58	8·5	SW	2	Sunny	9	Sun shining through clouds.
26	5.30	,,	204		—	29·31	2·5	Calm	0	o.	10	Thick fog; sun faintly visible.
,,	10	,,	218		—	29·24	10·5	NW	3	o.	10	Thick fog; snowing.
,,	15	,,	218	81 41	—	29·17	14·5	NW	3	o.	10	Sun shining through clouds.
27	7	,,	218		—	29·36	7·5	S	3	o.	9	Sun visible through clouds.
,,	14	,,	231		—	29·40	18·5	S	4	o.	10	Snow falling and slight drift.
,,	17	,,	231	81 54	—	29·42	15·5	S	3	o.	10	Sun shining through clouds.
28	8	,,	231		—	29·54	15·5	S	4	o.	10	Slight drift.
,,	14	,,	244		—	29·57	18·5	S	5	o.	10	Slight drift. Sun shining through clouds.
,,	17	,,	244	82 7	—	29·58	11·5	S	4	o.	10	Sun just visible.
29	8	,,	244		—	29·60	14·5	S	2	o.	10	Slight snow falling.
,,	13.30	,,	258		—	29·62	17·5	S	2	Sunny	6	Thin white clouds.
30	9	,,	258	82 21	—	29·70	6·5	S	1	Sunny	3	Clouds along S horizon.
,,	14.30	,,	271		—	29·73	12·5	S	3	Sunny	3	Light streamy clouds to SW.
,,	17	,,	271	82 34	—	29·73	13·5	S	1	Sunny	4	Heavy bank of clouds to W
DECEMBER, 1911												
1	9.30	,,	271		—	29·64	8·5	W	2	Sunny	2	Heavy clouds to E.
,,	17	,,	284	82 47	—	29·62 (?)	10·5	Calm	0	o.	10	Heavy clouds all over.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation)	Cloud Amount (0–10).	Remarks.
Day	Hour.			Lat. S.	Long. E.			Direction (True).	Force (0–12).			
DECEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
2	10	S of Corner Camp	284	82 47	—	29·62	11·5	W	1	o.	10	Snow falling.
,,	15	,,	294		—	29·59	15·5	SW	1	o.	10	Wet snow falling.
,,	18	,,	294		—	29·56	14·5	S	1	o.	10	Sun just visible.
3	11	,,	294	82 57	—	29·52	12·5	S	5	o.	10	Heavy S blizzard during night; beginning to clear.
,,	15	,,	294		—	29·39	14·5	NE	3	o.	10	Snowing N blizzard 4 h. till 24 h.
,,	19	,,	308		—	29·39	9·5	N	5	o.	10	Snow and drift. S blizzard during night till 10 h.
4	12	,,	308	83 11	—	29·98	12·5	S	5	o.	10	Snow and drift less.
,,	15	,,	308		—	29·91	16·5	NW	2	Sunny	3	Cloud bank on N horizon.
,,	21	,,	318		—	29·70	19·5	S	4	o.	9	Sun faintly visible through clouds; little drift. 4th. 24 h. very severe blizzard, wind force 7 to 8, temperature 31° to 33°; very heavy drift and snow: instrument box 3 ft. under snow; no observations till 15 h. on the 8th.
8	15	,,	318	83 21	—	29·73	34·0	Calm	0	o.	10	Snowing.
9	8	,,	318		—	29·66	18·5	N	2	o.	10	Sun slightly visible.
,,	20	,,	326		—	29·65	15·5	S	2	Sunny	6	Clouds over sun.
10	9·30	,,	326	83 29	—	29·66	19·5	Calm	0	Sunny	3	Light fleecy clouds.
,,	12	,,	326		—	29·62	25·0	Calm	0	Sunny	1	Bank of white clouds around horizon.
,,	17	,,	329 Hope Pass	83 32	—	28·99	22·0	N	4	Sunny	1	Faint wisps of cloud.
,,	20	,,	330	83 33	—	—	—	—	—	—	—	When camping caught in strong wind, force 7, with much low drift; no time for observations.
11	10·30	,,	330		—	29·08	31·0	S	2	Sunny	0	
,,	14·30	,,	333	83 38	—	28·93	30·0	S	2	Sunny	1	Fleecy clouds in N.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long E.			Direction (True).	Force (0–12).			
DECEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
11	20	Return Miles N	7		—	29·58	28·0	SE	1	Sunny	2	Bank of clouds to E and scattered white clouds.
12	10	,,	7	83 31	—	29·67	38·0	NW	2	o.	9	White fleecy clouds ; sun visible.
,,	13	,,	7		—	29·68	36·0	S	3	o.	8	Sun shining through thin clouds.
,,	19	,,	13	83 25	—	29·62	31·0	NW	3	Sunny	2	Low clouds on W horizon.
,,	22	,,	20	83 18	—	29·62	15·5	Calm	0	o.	4	Banks of white clouds in S.
13	2.30	,,	23		—	29·60	24·0	SW	2	o.	9	Blue sky around horizon. Drift to top of hut walls.
,,	14	,,	23	83 15	—	29·59	34·0	S	2	Sunny	5	White fleecy clouds.
,,	18	,,	23		—	29·55	31·0	S	3	Sunny	3	Long wind clouds from S.
,,	21	,,	32	83 6	—	29·50	24·0	S	4	Sunny	6	Clouds collecting in S.
14	3	,,	41		—	29·44	24·0	S	2	o.	6	Banks of fleecy clouds.
,,	15	,,	41	82 57	—	29·36	28·0	S	6	o.	10	Slight drift.
,,	24	,,	45		—	29·31	25·0	SE	7	o.	10	Very heavy drift.
15	17	,,	45		—	29·25	26·0	SE	4	Sunny	5	Blizzard finished and clouds clearing away.
,,	24	,,	45	82 53	—	29·56	11·5	S	7	o.	10	Heavy drift since 18 h.
16	11	,,	45		—	29·72	23·0	S	4	o.	9	Blizzard stopping.
,,	17	,,	58	82 40	—	29·67	22·0	S	1	o.	8	Wind clouds across sky in arch E and W. Small black thunder clouds.
,,	20	,,	64		—	29·67	22·0	Calm	0	Sunny	2	Low dark bank of clouds in E.
17	11	,,	64	82 34	—	29·63	28·0	Calm	0	o.	10	Snowing.
,,	17	,,	74	82 24	—	29·61	26·0	S	1	o.	10	Heavy clouds all over.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.		Lat. S.		Long. E.			Direction (True).	Force (0–12).			
DECEMBER, 1911.			Miles.	°	′	° ′	Inches.	° F.				
17	22	Miles N	77	82	21	—	29·58	26·0	S	0	o.	10	Very thick weather; lost road.
18	12	,,	77			—	29·59	26·0	SW	3	o.	10	Very thick weather; lost road.
,,	15	,,	74	82	28	—	29·57	26·0	Calm	0	o.	10	Very thick weather; back to former camp.
,,	19	,,	80	82	18	—	29·56	17·5	N	4	o.	10	Sun shining through fog; rainbow opposite sun about 30° high.
19	12	,,	80			—	29·58	24·0	N	3	o.	10	Snowing and thick weather.
,,	17	,,	94	82	4	—	29·52	15·5	NW	5	o.	9	Sun visible through clouds.
,,	20	,,	105	81	53	—	29·49	18·5	NW	4	Sunny	6	Clouds breaking up in W and zenith.
20	12	,,	105			—	29·61	28·0	NE	4	o.	10	Thick all round; difficult to see.
,,	17·30	,,	117½	81	41	—	29·61	21·0	NE	3	o.	7	Sun visible at times through clouds.
,,	23	,,	125	81	33	—	29·62	8·5	Calm	0	o.	8	Thick low fog all round.
21	12	,,	125			—	29·69	28·0	SW	3	o.	10	Sun visible through clouds.
,,	18	,,	135	81	23	—	29·70	24·0	S	3	o.	10	Very thick; a little snow makes it difficult to see at 20 yards.
22	11	,,	135			—	29·74	25·0	SW	3	o.	10	Thick and snowing.
,,	14	,,	144½	81	14	—	29·75	24·0	S	4	o.	9	Sun visible through clouds; slight snow.
,,	18	,,	150	81	08	—	29·75	22·0	S	4	o.	10	A little snow and thick weather.
23	12	,,	150			—	29·77	21·0	SW	2	o.	10	Slightly breaking on horizon.
,,	17	,,	161½	80	57	—	29·76	19·5	Calm	0	o.	9	Blue sky around horizon.
,,	20	,,	168	80	50	—	29·75	14·5	Calm	0	o.	7	Sun shining through clouds. Heavy clouds to S and E.
24	12	,,	168			—	29·76	25·0	N	3	Sunny	5	Light white clouds.
,,	16.30	,,	181	80	37	—	29·76	21·0	N	3	Sunny	0	Faint blue haze.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′ S, TO MOUNT HOPE, 83° 38′ S, AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long E.			Direction (True).	Force (0–12).			
DECEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
24	21	Miles N	186	80 32	—	29·72	14·5	N	1	Sunny	0	Clear all round. Deep snow crystals.
25	12	,,	186		—	29·68	24·0	N	3	Sunny	0	Land visible due W.
,,	18	,,	195	80 23	—	29·68	22·0	N	1	Sunny	1	Bank of white clouds in N.
,,	22		203	80 15	—	29·65	9·5	N	1	Sunny	0	Land visible due W. Saw two skuas.
26	12	,,	203		—	29·72	26·0	N	1	Sunny	2	Wind clouds in N and E.
,,	17	,,	210	80 8	—	29·71	26·0	N	1	Sunny	3	Heavy bank of clouds in N.
,,	21·30	,,	220	79 58	—	29·71	16·5	N	1	Sunny	5	Heavy bank of clouds in N. Land visible NW.
27	12	,,	220		—	29·79	29·0	N	3	o.	9	Sun shining through clouds ; parhelion.
,,	16	,,	229	79 49	—	29·78	29·0	N	3	o.	5	Sun shining through clouds ; parhelion.
,,	22	,,	241 (One Ton Camp)		—	29·72	19·5	N	2	Sunny	5	Mt. Discovery and Bluff clear.
28	12	,,	241	79 37	—	29·68	33·0	N	4	Sunny	5	Clouds around horizon.
,,	17	,,	241		—	29·65	30·0	N	2	Sunny	4	Slight low mist.
,,	21·30	,,	253	79 25	—	29·60	21·0	Calm	0	o.	9	Blue sky around horizon.
,,	24	,,	257	79 21	—	29·58	14·5	S	1	Sunny	4	Bank of clouds to S.
29	11	,,	257		—	29·55	21·0	S	2	o.	10	Foggy.
,,	13	,,	263	79 18	—	29·53	27·0	S (?)	2 (?)	o.	10	Very thick ; compass not working ; cannot tell direction.
,,	19	,,	269	79 9	—	29·57	29·0	S	1	o.	10	Very thick and snowing.
30	11	,,	269		—	29·62	27·0	S	4	o.	10	Very thick.
,,	15.30	,,	280	78 58	—	29·60	28·0	S	4	o.	10	Thick.

TABLE 74. REGISTER OF DOG SLEDGE PARTY, NOVEMBER 5TH, 1911, TO JANUARY 4TH, 1912.

HUT POINT, 77° 50′, S TO MOUNT HOPE, 83° 38′, S AND BACK.

Time.		Position.				Barometer (Aneroid) reduced to 32° F.. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud Amount (0–10).	Remarks.
Day.	Hour.			Lat. S.	Long. E.			Direction (True).	Force (0–12).			
DECEMBER, 1911.			Miles.	° ′	° ′	Inches.	° F.					
30	19.30	Miles N	289	78 49	—	29·62	25·0	S	6	o.	10	Low drift clouds breaking in places.
31	12	,,	289		—	29·57	24·0	S	6	o.	10	Thick drift and snow. Steering by wind.
,,	16.30	,,	298	78 40	—	29·58	18·5	S ?	6	o.	10	Thick drift and snow. Steering by wind.
,,	21	,,	308		—	29·55	16·5	S ?	6	o.	10	Thick and snow. Steering by wind.
JANUARY, 1912.				78 30								
1	12	,,	308		—	29·54	25·0	S ?	1	o.	10	Thick, and slight snow. No idea where we are.
,,	16	,,	314	78 24	—	29·50	25·0	Calm	0	o.	10	Very thick; got one momentary glimpse of sun and did six miles; faint glimpse of land to W, probably White Island; compass points equally in all directions; dogs had last scrap of food yesterday; we have one day's food left.
2	10	,,	314		—	29·46	14·5	Calm	0	o.	10	
,,	14	,,	335	—	—	29·58	23·0	S	1	o.	10	Land visible below clouds to N and SW. Picked up motor by chance and so found Corner Camp.
3	11	Corner Camp		78 3	168 59	29·38	26·0	N	1	o.	9	
,,	16	,,	,,	78 3	168 59	29·31	26·0	N	4	o.	9	Clear in S and E.
4	8	,,	,,	78 3	168 59	29·38	27·0	N	1	o.	9	Clear in S.
,,	12	Hut Point		77 50	166 58	29·52	22·0	N	1	o.	7	

TABLE 75. REGISTER OF FIRST RETURN PARTY, DECEMBER 22ND, 1911, TO JANUARY 26TH, 1912.

UPPER GLACIER DEPOT (85° 7′ S; 163° 4′ E) TO HUT POINT.

Observer: C. S. WRIGHT.

Time.		Position.		Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
DECEMBER, 1911.		° ′	° ′	Inches.	° F.						
22	14.20	85 5	165 0	23·70	0·2	Light Airs	—	—	2	—	Cu. over land. Snow part of a.m. then cleared. Fluff balls.
,,	19.40	84 50	166 0	24·01	7·5	Light Airs	—	—	0	—	Cu. over land.
23	6.30	84 50	—	24·01	5·5	Calm	0	b.	0	—	
,,	13.15	—	—	24·50	8·5	Calm	0	b.	0	—	Cu. over mountains.
,,	19.45	84 36	168 0	24·96	12·5	Calm	0	b.	0	—	
24	8.30	84 36	—	24·95	12·5	SW	2	b.	0	—	
,,	13.30	—	—	25·50	15·0	SW	1	b.	0	—	
,,	22	84 24	170 0	26·23	—	Light Airs	—	b.	0	—	
25	8	84 24	—	26·19	18·5	SW	0–1	b.	0	—	Minimum Temperature 12·5° F. Clear.
,,	20	84 14	170 0	26·88	—	Light Airs	—	b.	0	—	Clear all day.
26	8	84 14	—	26·88	16·5	SE	2	—	3	Ci.-St.	
,,	13.30	—	—	27·28	22·5	Light Airs	—	—	3	Ci.-St.	
,,	21.15	83 50	—	27·77	22·5	S	1	—	7	Ci.-St.	Ci.-St. (8) all p.m.
27	8	83 50	—	—	21·5	Light Airs	—	—	9	Ci.-St.	
,,	14	—	—	28·33	25·5	Light Airs	—	—	1	Ci.-St.	
,,	19	83 38	—	28·63	25·5	Light Airs	—	—	1	Ci.-St.	
28	7	83 38	—	28·64	21·5	S	1–2	b.	0	—	
,,	13	83 30	—	29·25	24·5	Calm	0	b.	0	—	
,,	19	83 26	—	29·67	26·5	Calm	0	b.	0	—	Clear and calm nearly all day.
29	7	83 26	—	29·63	18·5	Calm	0	b.	0	—	Fog in the Gap at 800 ft. level.
,,	13	83 18	—	29·65	18·5	S 30 E	4	o.	10	St.	

TABLE 75. REGISTER OF FIRST RETURN PARTY, DECEMBER 22ND, 1911, TO JANUARY 26TH, 1912.

UPPER GLACIER DEPOT (85° 7′ S; 163° 4′ E) TO HUT POINT.

Time.		Position.		Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
DECEMBER, 1911.		° ′	° ′	Inches.	° F.						
29	19	83 09	—	29·65	18·5	S 30 E	3	o.	10	St.	
30	7	83 09	—	29·70	—	S 30 E	2	o.	10	St.	Overcast.
,,	18.15	82 59	—	29·65	19·5	Calm	0	o.b.	3	St.	
31	7	82 59	—	29·64	9·8	Calm	0	b.	0	—	Apparently going uphill all a.m.
,,	13	82 50	—	29·61	19·5	Calm	0	b.	0	—	
,,	19	82 44	—	29·54	16·5	N 30 W	0–1	b.	0	—	
JANUARY, 1912.											
1	6.30	82 44	—	29·44	10·5	N 30 W	0–1	—	0	—	
,,	13	82 36	—	29·48	16·5	N	0–1	—	0	—	
,,	19	82 29	—	29·49	17·5	N	0–1	—	—	—	Cloud and mist rising in N and W and spreading towards us.
2	7	82 29	—	29·47	9·5	NW	0–1	o.s.	10	St.	Fog depositing crystals on windward side of ropes, etc.
,,	13.30	82 20	—	29·44	13·5	Light Airs	—	o.s.	10	St.	
,,	19	82 14	—	29·35	12·5	NW	0–1	b.	0–1	—	Fog bow, incomplete; at azimuth from sun 150° and 210°, 3° wide, at 18 h. 30 m.
3	6.30	82 14	—	29·24	4·5	NW	2	o.	10	Fog	Fog crystals deposited during night.
,,	13.30	—	—	29·21	12·5	NW	2	b.	0	—	Cloud on horizon.
,,	18.45	82 0	—	29·20	11·5	NNW	1–2	o.s.	10	—	Wind unsteady in direction and force all march.
4	7	82 0	—	29·28	15·5	Light Airs	—	o.s.	10	—	
,,	13.30	81 52	—	29·32	19·5	S 30 E	2–3	b.	3	Cu.-St.	
,,	19	81 43	—	29·33	20·5	S 30 E	4–5	o.	10	St.	
5	7	81 43	—	29·35	15·5	Light Airs	—	o.	10	St.	
,,	12	81 35	—	29·34	22·5	SW	2	o.	10	St.	

TABLE 75. REGISTER OF FIRST RETURN PARTY, DECEMBER 22ND, 1911, TO JANUARY 26TH, 1912.

UPPER GLACIER DEPOT (85° 7′ S; 163° 4′ E) TO HUT POINT.

Time.		Position.		Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
JANUARY, 1912.		° ′	° ′	Inches.	° F.						
5	18.30	81 31	—	29·36	16·5	Light Airs	—	o.s.	10	St.	Dry bulb temperature read at 17 h. 15 m.
6	8	81 31	—	29·33	16·5	NW	0–1	o.s.	10	St.	In a.m. wind from all directions.
,,	12·30	—	—	29·32	20·5	S	0–3	o.s.	10	St.	
,,	19	81 17	—	29·25	16·5	N	1	o.s.	10	St.	In p.m. wind (0–3) and sastrugi from all points of the compass; light snow from all points of universe. Fine summer weather on the Barrier.
7	7	81 17	—	29·27	14·5	SE	1	o.s.	10	St.	
,,	11.30	81 14	—	29·17	—	Light Airs	—	o.s.	10	—	
,,	18	81 8	—	29·11	17·5	Light Airs	—	o.s.	10	—	
8	7	81 8	—	28·98	12·5	N 20 W	3	o.s.	10	—	
,,	13	—	—	28·93	14·5	N 20 W	3–4	o.s.	10	—	
,,	18	80 55	—	28·89	14·5	N 20 W	3–4	o.	10	St.	
9	7	80 55	—	29·07	17·5	NE	0–1	o.s.	10	—	
,,	11	80 51	—	29·08	19·0	E	3–4	o.s.	10	—	
,,	19.30	80 42	—	29·08	17·5	N 60 E	2	o.s.	10	—	
10	7	80 42	—	29·18	17·5	Light Airs	—	o.s.	10	—	
,,	12	—	—	29·21	17·5	SE	1	o.	10	St.	
,,	19	80 31	—	29·24	—	Light Airs	—	o.	10	St.	
11	7	80 31	—	29·13	9·5	W	4	o.	10	St.	
,,	13	—	—	29·20	14·5	S 60 W	4	o.	10	St.	
,,	19	80 18	—	29·15	14·5	W	2	o.	10	St.	Saw blue sky to-day for first time in a week or more. Hope to see the sun some day this month.
12	6·15	80 18	—	28·96	11·5	Light Airs	—	o.c.	10	A.-St.	
,,	12	—	—	28·95	12·5	Light Airs	—	o.b.	7	A.-St.	
,,	19	80 5	—	28·90	13·0	Light Airs	—	b.	0	—	

TABLE 75. REGISTER OF FIRST RETURN PARTY, DECEMBER 22ND. 1911, TO JANUARY 26TH, 1912.

UPPER GLACIER DEPOT (85° 7′ S; 163° 4′ E) TO HUT POINT.

Time.		Position.		Barometer (Aneroid) reduced to 32° F. and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
JANUARY, 1912.		° ′	° ′	Inches.	° F.						
13	7	80 5	—	28·91	13·5	S 20 W	2	o.s.	10	—	Fog or low St.
,,	11	—	—	28·93	17·5	S 30 W	3–4	o.s.	10	St.	
,,	18	79 55	—	28·92	15·5	S 30 W	4–5	o.s.	10	—	Drift.
14	6.30	79 55	—	28·97	7·5	S 30 W	2	o.b.	3	St.	
,,	13.30	—	—	29·09	15·0	SW	2	b.	1	St.	Undulating here.
,,	19	79 41	—	29·18	14·5	Light N & NW Airs	—	b.	0	—	
15	6.30	79 41	—	29·26	12·0	NE	0–1	o.b.	3	St.	Fog crystals and snow in night.
,,	13	—	—	29·29	24·5	Light Airs	—	b.	0	—	
,,	19	79 29	—	29·25	13·5	Light Airs	—	b.	0	—	
16	6.30	79 29	—	29·23	7·5	E	1	o.b.	0	—	Incomplete fog bow; and fog crystals on ski.
,,	13	79 24	—	29·23	23·5	W	1	b.	1	A.-St.	
,,	19.30	79 16	—	—	15·5	Light Airs	—	b.	0	—	
17	6.30	79 16	—	29·20	2·5	Light Airs	—	o.b.	4	—	Minimum Temperature – 2·5° F. Fog crystals on ski; fog bow altitude that of sun at 6 h. 15 m.
,,	13	—	—	29·19	15·0	NE	2–3	b.o.s.	10	—	
,,	19.30	79 2	—	29·23	12·5	SW	3	o.s.	10	—	
18	6.30	79 2	—	29·28	10·5	S	2–3	o.s.	10	—	Minimum Temperature 7·5° F. Feather crystals.
,,	10.45	78 59	—	29·28	11·5	S 30 W	2	o s.	10	—	
,,	20.30	78 59	—	29·32	11·5	S 30 W	2–3	o.s.	10	—	
19	7	78 59	—	29·32	7·5	SW	1	o.b.	0	—	St. on horizon.
,,	13	—	—	29·34	12·5	NW	1	b.	0	—	
,,	19	78 48	—	29·29	11·5	NE	1	b.	0	—	
20	8.30	78 48	—	29·21	12·0	Light Airs	—	o.b.	3	St.	Fog crystals.

TABLE 75. REGISTER OF FIRST RETURN PARTY, DECEMBER 22ND, 1911, TO JANUARY 26TH, 1912.

UPPER GLACIER DEPOT (85° 7′ S; 163° 4′ E) TO HUT POINT.

Time.		Position.		Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.	Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
JANUARY, 1912.		° ′	° ′	Inches.	° F.						
20	11	78 42	—	29·23	13·5	S	1–2	—	4	St.	
,,	17.30	78 42	—	29·22	17·0	Light S Airs	—	—	3	—	St. to northward.
21	6.30	78 42	—	29·18	8·5	N	1	b.	0	—	Minimum Temperature – 2·5° F.
,,	13	78 37	—	29·19	18·5	N	1	b.	0	—	
,,	17	78 30	—	29·21	19·0	N	1	b.	0	—	
22	7	78 30	—	29·26	18·5	S 30 W	5	o.	10	St.	Drift.
,,	19	78 30	—	29·49	10·5	S 30 W	7	o.	10	St.	Drift.
23	7	78 30	—	29·59	3·5	Light S Airs	—	o.b.	4	St.	
,,	13.30	—	—	29·62	13·5	S 30 W	1	b.	0	—	
,,	21	78 11	—	29·57	9·5 (?)	NW	1	b.	0	—	Barometer read at 22 h. 30 m.
24	8	78 11	—	29·56	12·5 (?)	Light Airs	—	b.	0	—	Minimum Temperature – 3·5° F.
,,	13.30	—	—	29·54	16·5	S 30 E	2	b.	3	St.	Temperature read at 15 h. 30 m.
,,	18	1 mile from Corner Camp (Corner Camp = 78° 3′ S, 168° 59′ E)		29·53	13·5	Light Airs	—	b.	0	—	
25	7	,,	,,	29·47	2·0	Calm	0	b.	0	—	
,,	13	—	—	—	8·5	S	1–2	b	0	—	
,,	19	16 miles	,,	29·47	10·5	Light Airs	—	b.	0	—	
26	7	,,	,,	29·45	25·5	SE	4–5	o.	—	—	Drift.
,,	13	Hut Point (77 50	166 58)	29·51	16·5	NE	4	o.	4	—	Drift.

TABLE 76. REGISTER OF SECOND RETURN PARTY, JANUARY 4TH TO FEBRUARY 9TH, 1912.

PLATEAU, 87° 19′ S, 160° 40′ E, TO BARRIER, 79° 33′ S, 169° 22′ E.

Observer: E. R. G. R. EVANS.

Time.		Position.				Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks
Day.	Hour.	Lat. S.		Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from		
												Upper.	Lower.	
JANUARY, 1912.		°	′	°	′	° F.								
4	21	87	19	160	40	−10·0	Calm	0	b.	0·5	Ci.-St.	—	—	
5	7.30	87	19	160	40	−4·8	Light N Airs	1	o.	10	St.	—	—	Minimum Temperature −10·2° F.
,,	13.45	87	10	160	40	−5·0	NNW	2	o.	10	St.	—	—	Occasional calms.
,,	20	87	3	160	40	−2·5	NNW	3	b.c.s.	8	Cu.-St., St.	—	N	17 h.: Sky breaking to N. 20 h.: Snow falling.
6	7·30	87	3	160	40	−12·0	Calm	0	b.c.	1	Ci.-St.	—	—	Minimum Temperature −15·0° F.
,,	13.30	86	56	160	40	−19·2	SW	2–3	b.	0·2	Ci.-St.	—	—	11 h.: Ci.-Cu. (mackerel sky) dispersed about 12 h.
,,	20	86	50	162	0	−10·2	SW	2	b.	—	—	—	—	
7	7	86	50	162	0	−16·0	Light S Airs	1	b.c.	1	St.	—	—	Minimum Temperature −22·0° F.
,,	13	86	41	161	30	−16·0	SSE	2	b.	—	—	—	—	
,,	20	86	33	161	10	−8·0	SSE	4	b.	—	—	—	—	Snow drifting along surface of plateau.
8	7	86	33	161	10	−15·0	SSE	4	b.c.	3	St.	—	S	Minimum Temperature −19·0° F. 7 h. 30 m.: Sky rapidly clouding and drift from SSE.
,,	13	86	25	161	0	−4·0	SE	5	o.q.	10	St.	—	S	Parhelion. Drift.
,,	20	86	17	161	0	−2·0	SE	6	o.s.	10	St.	—	SE	Blizzard commenced about 19 h.
9	8	86	17	161	0	1·5	SE	6	o.s.	10	St.	—	SE	Blizzard.
,,	13	86	10	161	0	3·5	ESE	6	b.c.	5	Ci., St.	ESE	ESE	10 h.: Sky breaking. Cirrus radiating from ESE.
,,	20	86	3	161	0	3·3	ESE	5	o.	10	St.	—	ESE	Blizzard throughout afternoon. Minimum Temperature not recorded; thermometer drifted up.
10	7	86	3	161	0	0·5	ESE	4	o.s.	10	St.	—	ESE	Weather cleared at 3 h., but after that became thick.
,,	13	86	0	160	20	2·3	ESE	4	o.	10	St.	—	ESE	Sky occasionally breaking in patches. Drift.
,,	20	85	52	161	0	0·5	E	3	o.s.	10	St.	—	—	20 h.: Parhelion. Drift.

TABLE 76. REGISTER OF SECOND RETURN PARTY, JANUARY 4TH TO FEBRUARY 9TH, 1912.

PLATEAU, 87° 19′ S, 160° 40′ E, TO BARRIER. 79° 33′ S, 169° 22′ E.

Time.		Position.				Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from		
												Upper.	Lower.	
JANUARY, 1912.		°	′	°	′	° F.								
11	7	85	52	161	0	−4·0	ENE	3	o.	10	St.	—	—	Minimum temperature −4·8°.
,,	13	85	45	161	10	−2·0	NE	2	o.	10	St.	—	—	Small patch of blue sky to S.
,,	20	85	38	161	20	−8·0	S	2	b.c.	1	Cu., Ci.-St.	—	—	Low bank of Ci.-St. round horizon.
12	7	85	38	161	20	−11·0	S by E	2–3	b.c.	3	Ci.-St.	—	—	Minimum temperature −16·2° F.
,,	13	85	29	162	0	−10·0	S by E	4	b.c.	4	Ci.-St.	—	—	
,,	20	85	20	163	0	−8·2	SSE	3	b.c.	4	Ci.-St., Ci.	—	—	
13	7	85	20	163	0	−8·5	SSE	3–4	b.c.	4	Ci., Ci.-St.	SSE	—	Minimum temperature −10·5° F.
,,	13	85	15	163	30	−6·0	SSE	3	b.c.	5	Ci.., St.	—	—	
,,	20.30	85	10	163	30	−3·5	SSE	4	b.c.	5	Ci.-St., St.	—	—	
14	7	85	10	163	30	−1·5	SSE	5	b.c.	5	Ci., Ci.-St.	SSE	—	Minimum temperature −8·5° F.
,,	15	85	7	163	4	3·0	S Airs	1	b.c.	6	Ci.-St. St.	SSE	S	
,,	20	85	2	164	0	0·5	SSE	1–2	o.	10	A.-St.	ENE	—	Small patch of blue sky visible down glacier.
15	6	85	2	164	0	−6·5	SSE	3–4	b.c.	3	Ci., Ci.-St., St.	—	—	Minimum temperature −7·2° F.
,,	13	84	57	164	20	5·5	S	4	b c.	1	Cu.-St., Ci.-St.	S	SW	At 9 h. wind increased to force 6 with drift, but decreased by 10 h. 30 m.
,,	20	84	49	165	0	14·0	Calm	0	b.c.	2	St., Cu.	—	—	Roll cumulus over Dominion Range.
16	6	84	49	165	0	1·0	SSE	2	b.c.	1	St.	—	—	Minimum temperature −0·5° F.
,,	13	84	41	165	20	—	Light S Airs	1	b.c.	1	St., Cu.	—	—	
,,	20	84	33	167	6	15·1	SE	6	b.c.q.	4	Ci., St.	S	S	
17	6	84	33	167	6	1·0	SE	6	b.q.	0	—	—	—	Minimum temperature −1·5° F.
,,	13	84	29	168	0	7·0	SSE	6	b.q.	1	Ci.-St.	—	—	Cu.-St. cloud hanging in the Valley of the Beardmore.

TABLE 76. REGISTER OF SECOND RETURN PARTY, JANUARY 4TH TO FEBRUARY 9TH, 1912.

PLATEAU, 87° 19′ S, 160° 40′ E, TO BARRIER, 79° 33′ S, 169° 22′ E.

Time.		Position.				Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from		
												Upper.	Lower.	
JANUARY, 1912.		°	′	°	′	° F.								
17	22	84	28	170	0	8·0	SSE	6–7	b.q.	3	Ci., St.	—	—	
18	6	84	28	170	0	3·0	SSE	7	b.q.	3	Ci., St.	—	—	Minimum temperature, 3·0° F. Drift.
,,	13	84	25	170	10	13·0	SSE	6–7	b.q.	1	St.	—	—	Very strong squalls during forenoon. Drift.
,,	24	84	24	170	23	12·5	SE	5	b.c.	1	St.	—	—	
19	6	84	24	170	23	13·0	SSE	5–4	b.c.	1	Ci.-St.	—	—	Minimum temperature, 8·0° F.
,,	13.30	84	19	170	30	17·5	Light Airs	1	b.c.	1	Ci.-St.	S	—	
		Too snow-blind to observe.												
22	20	83	25	171	0	3·0	Light Airs.	—	b.c.	4	Cu.-St.	—	SW	
23	7	83	25	171	0	13·0	Calm	0	b.c.	3	Ci.-St.	—	—	Minimum temperature, 0·0.
,,	12.30	83	19	170	56	10·5	Calm	0	b.c.	3	Ci.-St.	W	—	
,,	20	83	12	170	54	11·5	Calm	0	b.	0	—	—	—	
24	6	83	12	170	54	3·5	Calm	0	b.c.	1	Ci.-St.	SW	—	Minimum temperature, 1·0° F.
,,	12.30	83	5	170	50	9·5	N	3	b.	0	—	—	—	
,,	19	82	56	170	48	4·0	NNW	4–5	b.c.	2	Ci.-St., St.	S	S	
25	7	82	56	170	48	14·5	NW	4	o.s.	10	St.	—	—	Minimum temperature, 1·5° F.
,,	12.40	82	51	170	47	23·5	NW	1–2	o.s.	10	St.	--	—	Incessant snow and thick weather since 5 h.
,,	18.30	82	47	170	48	35·5	S	4–5	o.q.s.	10	St.	—	S	Blizzard.
26	6.30	82	47	170	48	31·5	S	4–5	b.c.q.p.s.	7	Ci.-Cu., St.	S	S	Minimum temperature, 22·5° F.
,,	13	82	42	170	44	33·5	S	4–5	o.q.	10	St.	—	—	
,,	20	82	34	170	31	28·0	S	5–6	b.c.q.	9	Ci., Ci.-Cu., St., Ci.-St.	E	S	
27	13	82	25	170	31	22·5	S	2–1	b.c	3	Ci., Ci.-St.	S	—	

TABLE 76. REGISTER OF SECOND RETURN PARTY, JANUARY 4TH TO FEBRUARY 9TH, 1912.

PLATEAU, 87° 19′ S, 160° 40′ E, TO BARRIER, 79° 33′ S, 169° 22′ E.

Time.		Position.				Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from		
												Upper.	Lower.	
JANUARY, 1912.		°	′	°	′	° F.								
27	21	82	20	170	30	16·5	Calm	0	b.m.	0	—	—	—	Mist hanging over the land.
28	7	82	20	170	30	18·5	Light Var. Airs	1–2	b.c.	1	Ci.-St.	—	—	Minimum temperature, 14·0° F.
,,	13	82	14	170	30	14·5	S	2	b.	0	—	—	—	
,,	21	82	8	170	29	9·5	S	3	b.	0	—	—	—	
29	8	82	8	170	29	14·5	S	3	b.m.	1	St.	—	S	Minimum temperature, 9·0° F.
,,	13	81	57	170	28	19·5	SSE	3	b.c.	5	Ci.-Cu., Ci.-St.	NW	—	
,,	21	81	49	170	28	17·5	SSE	3	b.c.	3	Ci.-Cu., Ci.-St., St.	NW	S	
30	6	81	49	170	28	18·5	SSE	5	o.m.	10	St.	—	S	Minimum temperature, 8·0° F. Drift.
,,	13	81	42	170	25	17·5	SSE	3	o.m.	10	St.	—	—	
,,	21	81	36	170	13	19·5	SSE	1	o.	10	St.	—	—	
31	7	81	36	170	13	23·0	Light S Airs	—	o.g.	10	St.	—	—	Minimum temperature, 16·0° F.
,,	13	81	29	170	10	21·5	S by E	2	o.g.	10	St.	—	—	Sky occasionally breaking to SE and E.
,,	20	81	23	170	10	14·5	Calm	0	b.m.c.	3	Cu.-St., St.	—	NW	15 h. : Sky breaking to NW. A.-St. moving from NW.
FEBRUARY, 1912.														
1	6	81	23	170	10	3·3	SSW	3	b.c.	1	Ci.-St.	—	—	Minimum temperature, 2·3° F.
,,	12.30	81	16	170	1	12·0	SW	1–2	b.c.	1	Ci.-St., St.	—	WSW	During forenoon A.-St. clouds working over sky from WSW. Ice crystals falling.
,,	19	81	9	170	0	8·5	SW	1–2	b.m.	1	St.	—	SW	
2	6	81	9	170	0	0·0	Calm	0	b.m.	3	St.	—	—	Low mist hanging round horizon. Minimum temperature, −3·0°F.
,,	13	81	3	169	45	14·5	SE	1–2	o.s.	10	St.	—	NW	
,,	19	80	57	169	40	13·5	S	1–2	o.s.	10	St.	—	NW	
3	6	80	57	169	40	13·0	WSW	4	o.	10	St.	—	WSW	Minimum temperature, 11·5° F.

TABLE 76. REGISTER OF SECOND RETURN PARTY, JANUARY 4TH TO FEBRUARY 9TH, 1912.

PLATEAU, 87° 19′ S, 160° 40′ E, TO BARRIER, 79° 33′ S, 169° 22′ E.

Time.		Position.		Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
										Direction from		
Day.	Hour.	Lat. S.	Long. E.		Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Upper.	Lower.	
FEBRUARY, 1912.		° ′	° ′	° F.								
3	13	80 52	169 32	14·5	WSW	4–5	o.s.	10	St.	—	—	Driving snow throughout afternoon.
,,	20	80 45	169 30	16·0	WSW	5–7	o.q.s.	10	St.	—	—	Blizzard.
4	6	80 45	169 30	12·0	WSW	3	o.s.	10	St.	—	—	Minimum temperature, 9·0° F. Wind and drift decreased 4 h. 30 m.
,,	13	80 40	169 23	15·5	WSW	1	b.c.	1	St.	—	NW	9 h. : Sky breaking. 10 h. : Sky clear, except for St. 2 to SE.
,,	21	80 32	169 23	3·5	Airs NW	1–2	b.m.	1	St.	—	—	
5	6	80 32	169 23	3·7	NW	1–2	b.m.	1	St.	—	—	Minimum temperature, — 3·0° F. Low mist on horizon.
,,	13	80 26	169 22	2·0	SW by W	3	b.c.m.	5	St., Ci.-St.	—	WSW	Thin St. moving rapidly across sky from WSW all forenoon.
,,	19	80 20	169 22	2·0	Calm	0	b.	0	—	—	—	Low mist to S and SW. Parhelion, 15 h.
6	6	80 20	169 22	9·0	S	3–4	o.m.s.	10	St.	—	—	Minimum temperature, — 1·0° F. Drift.
,,	13	80 13	169 22	5·5	SSW	2	b.c.	1	Ci.-St.	N	—	Cloud rapidly dispersed between 7 h. and 9 h. and sky cleared.
,,	19	80 5	169 22	5·8	Calm	0	b.	0	—	—	—	
7	6	80 5	169 22	2·5	Calm	0	b.	0	—	—	—	Mt. Discovery in sight.
,,	13	79 59	169 22	7·5	Calm	0	b.c.	0	—	—	—	Small patch of Ci.-St. to NW.
,,	19	79 52	169 22	1·3	SW	1–2	b.	0	—	—	—	Small patch of Ci.-St. to NW.
8	6	79 52	169 22	5·5	WNW	1–2	b.	0	—	—	—	Minimum temperature, — 4·0° F.
,,	13	79 46	169 22	9·5	SW by W	2	b.c.	2	Ci., Ci.-St.	SW by W	—	
,,	19	79 40	169 22	12·5	SW by W	2–3	b.c.	8	Cu.-St., Ci.-St., Ci.-Cu.	SW	SW	Clouds radiating from SW.
9	6	79 40	169 22	2·5	Light W Airs	0	b.c.	6	Cu.-St.	—	WSW	Minimum temperature, — 10·0° F.
,,	13	79 33	169 22	11·5	W	1–2	b.c.	3	A.-St.	WSW	—	

Observer too bad with scurvy to continue observations.

TABLE 77. REGISTER OF DAY'S DEPOT PARTY, HUT POINT TO ONE TON CAMP AND BACK.

December 26th, 1911, to January 21st, 1912.

Observer: B. C. Day.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.		Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
December, 1911.			° ′	° ′	Inches.	° F.								
26	22	Hut Point	77 50	166 58	29·99	28·1	—	—	—	5	Ci.	SSE to NNE	—	St.-Cu. on Western Mountains.
27	7	,,	—	—	30·02	21·5	—	—	—	6	Ci.	SSE to NNE	—	Minimum temperature, 15° F.
,,	13	Safety Camp	77 54	167 17	30·01	30·0	—	—	—	7	Ci.	S to N	—	Erebus smoke at noon coming from NNE.
,,	19	5 miles beyond Safety Camp			29·93	29·0	—	—	—	8	St.-Cu., Ci.	S to N	W	
28	7	,,	,,	,,	29·80	22·4	SSW	1	m.	7	Ci.	S to N	—	Minimum temperature, 10·7° F. Light fog coming from SSW. Hoar-frost.
,,	13	11 miles	,,	,,	29·89	26·8	SSW	½	—	9	Ci., A.-Cu.	S to N	—	Erebus smoke going N. A light fog came up from the SW. Cu. starting this morning, but has drifted away to the E.
,,	19	15 ,,	,,	,,	29·80	28·5	—	—	—	8	A.-Cu.	E	–	
29	7	15 ,,	,,	,,	29·68	21·4	—	—	o.	10	A.-Cu.	—	—	Minimum temperature, 16·6° F. Light fog to E.
,,	13	20 ,,	,,	,,	29·71	26·5	—	—	—	4	St.-Cu., A.-Cu.	W	S and SE	Light fog bank on east horizon. Erebus smoke going SSW.
,,	19	Corner Camp	—	—	29·72	23·5	SSW	½	—	—	St.-Cu., A.-Cu.	W	—	
30	8	,,	—	—	29·70	26·5	SSE	3	o.	10	—	—	—	Minimum temperature, 22·5° F. Blizzard all day.
31	10	,,	—	—	29·72	21·5	SSE	3–4	o.	10	—	—	—	Blizzard very thick to S. Sun shining at intervals.
,,	14.30	,,	—	—	29·73	—	SSE	3–4	o.	10	—	—	—	Slight blizzard.
,,	18·30	S. of Corner Camp, 4 miles	78 7	—	29·59	17·5	SSE	2–3	o.	10	—	—	—	Overcast. Sun shining on Bluff, which is faintly visible. Drift.
January, 1912.														
1	7	4 miles	78 7	—	29·53	22·5 ?	—	—	o.m.s.	—	—	—	—	Minimum temperature, 17·0 F. ? Slight fog. Snow falling.
,,	13	8 ,,	78 11	—	29·56	16·7	E	¼	o.	—	—	—	—	Overcast; bad light. St. clouds.

TABLE 77. REGISTER OF DAY'S DEPOT PARTY, HUT POINT TO ONE TON CAMP AND BACK.

December 26th, 1911, to January 21st, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.	Lat. S.		Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
January, 1912.		° ′		° ′	Inches.	° F.								
1	18.30	15 miles	78 18	—	29·52	16·0	E	¼	o.s.	10	—	—	—	Sun faintly showing.
2	7	15 ,,	78 18	—	29·52	12·5	E	½	o.s.	10	—	—	—	Minimum temperature, 10·7° F. Overcast; bad light.
,,	13	20 ,,	78 23	—	29·51 ?	16·0	—	—	o.s.	10	—	—	—	Overcast; bad light. Light snow falling more or less continuously all morning. Sun faintly shining. Light easterly air changed to southerly about noon. *Note.*—It is advisable to have an F pencil, not an Hb.
,,	19	25 ,,	78 23	—	29·46	15·5	N	¼	o.s.	10	St.	—	N	
3	7	25 ,,	78 28	—	29·31	18·5	N	1	—	9	St.-Cu.	—	NW	Minimum temperature, 12·5° F. ? Sun faintly shining.
,,	13	30 ,,	78 33	—	29·33	24·5	NNW	1–2	—	8	St.-Cu.	—	NNW	Sun shining at intervals.
,,	19	35 ,,	78 38	—	29·24	18·5	NNW	2	—	7	St.-Cu.	—	NNW	
4	7	35 ,,	78 38	—	29·29	16·5	SSW	1–2	—	3	A.-Cu.	N and E	—	Minimum temperature, 9·5° F.
,,	13	40 ,,	78 43	—	29·36	18·0	SSW	½	—	3	St.-Cu., A.-Cu.	NE	NW	
,,	19	43 ,,	78 46	—	29·40	13·5	Calm	0	—	4	A.-Cu.	E	—	
5	7	43 ,,	78 46	—	29·43	10·5	Calm	0	—	5	A.-Cu.	S	—	Minimum temperature, 4·5° F. Hoar-frost.
,,	13	47 ,,	78 50	—	29·42	17·5	NNE	½	—	1	Cu., A.-Cu.	S	N	
,,	19	1 mile from Bluff Camp	78 58	—	29·41	19·5	NNE	1–2	—	—	—	—	—	
6	7	1 ,,	78 58	—	29·32	15·5	SSE	½	←	—	—	—	—	Minimum temperature, 5·1° F. Low fog bank on southern horizon.
,,	13	6 ,,	79 3	—	29·34	14·5	—	—	←	—	Ci.	N	—	Low fog bank about one to two miles ahead.
,,	19	14 ,,	79 11	—	29·31	15·0	—	—	—	—	Ci.	N	—	Light Ci. clouds to N over Ross Island.
7	7	14 ,,	79 11	—	29·46 ?	10·0	SSW	2	—	—	—	—	—	Minimum temperature, 4·0 °F. Light fog; bad light. Hoar-frost.
,,	13	19 ,,	79 16	—	29·01	—	—	—	o.s.	10	—	—	—	Overcast; very bad light. Fog and snowing. Light southerly airs.

TABLE 77. REGISTER OF DAY'S DEPOT PARTY, HUT POINT TO ONE TON CAMP AND BACK.

December 26th, 1911, to January 21st, 1912.

Time.		Position.			Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.		Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
January, 1912.			° ′	° ′	Inches.	° F.								
7	19	24 miles	79 21	—	29·02	15·0	—	—	o.s.	10	—	—	—	Overcast: very bad light. Fog and snowing. Light southerly airs.
8	7	24 ,,	79 21	—	28·93	13·0	NNE	1–2	o.	10	—	—	—	Minimum temperature, 11·7° F. Overcast and slight fog, but clearing with a N wind.
,,	13	26 ,,	79 23	—	28·90	17·0	NNE	1	b.	0	—	—	—	St.-Cu. to NW; Cu. on horizon. Fog bank on SE horizon. Since the dogs passed here there has been no wind, but the tracks are more or less filled in with fog crystals.
,,	22	One Ton Depot	79 30	—	28·92	5·0	—	—	—	—	—	—	—	
9	9	,,	79 30	—	28·89	16·5	NNE	1	o.	10	A.-Cu.	NE	—	Minimum temperature, 1·0° F. A.-Cu. clouds coming from NNE.
,,	14	4 miles N of Ton Depot	79 26	—	28·95	14·0	NNE	½	o.	10	A.-Cu.	NE	—	
,,	20	10 ,,	79 20	—	29·01	16·5	—	—	o.s.	10	A.-Cu.	NE	—	Light southerly airs.
10	7	10 ,,	79 20	—	29·12	15·5	SSW	1–2	o.s.	10	—	—	—	Minimum temperature, 14·5° F.
,,	13	15 ,,	79 15	—	29·17	16·5	SSW	1–2	o.s.	10	—	—	—	Clear patch of sky on western horizon.
,,	19	20 ,,	79 10	—	29·18	14·0	—	—	—	—	A.-Cu.	SE	—	
11	7	20 ,,	79 10	—	29·16	12·0	—	—	—	—	Ci.-St., A.-Cu.	N, SE and SW	—	Minimum temperature, − 1·5° F.
,,	13	25 ,,	79 5	—	29·09	15·0	SW	1	—	2	Ci., A.-Cu.	W and N	—	St.-Cu. to SW and S.
,,	19	2 miles N of Bluff Depot	78 54	—	29·07	13·0	—	—	—	3	Ci., A.-Cu.	S, W, NW	—	A.-Cu. coming from NW and SE. Slight northerly airs.
12	7	2 ,,	78 54	—	28·92	14·0	NE	½	—	2	Ci., A.-Cu.	E, E and S	—	Minimum temperature, − 2·6° F. St.-Cu. to E.
,,	19	16 ,,	78 41	—	28·90	13·0	—	—	—	1	Cu., A.-Cu.	NE, SE	—	Clear sky, sun shining all day.
13	20	16 ,,	78 41	—	28·96	13·5	SSW	2–3	—	2	A.-Cu.	SW	—	Minimum temperature, − 1·5° F. Slight blizzard all day, with fine snow falling, but sun shining now. Wind in SSW all day.
14	1	22 ,,	78 35	—	28·99	6·1	NNW	½	—	3	A.-Cu., Ci.	SE, NW	—	Sun shining.

TABLE 77. REGISTER OF DAY'S DEPOT PARTY, HUT POINT TO ONE TON CAMP AND BACK.

December 26th, 1911, to January 21st, 1912.

Time.		Position.			Barometer (Aneroid) Reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.				Remarks.
Day.	Hour.		Lat. S.	Long. E.			Direction (True).	Force (0–12).		Amount (0–10).	Kind.	Direction from Upper.	Direction from Lower.	
January, 1912.			° ′	° ′	Inches.	°F.								
14	11	22 miles	78 35	—	29·12	20·0	SSW	—	o.s.	10	—	—	—	Minimum temperature, 1·7° F. Overcast; bad light. Blue sky on southern horizon.
,,	16	28 ,,	78 29	—	29·18	20·5	—	—	o.s.	10	—	—	—	Overcast; bad light. Blue sky on southern horizon.
,,	24	28 ,,	78 29	—	29·22	17·1	SSE	½	o.	10	St.-Cu.	NW	—	Laid up this evening by heavy fall of snow.
15	3	34 ,,	78 23	—	29·23	18·5	—	—	—	8	A.-Cu.	—	—	Sun shining N and S. A.-Cu. radiating W to E.
,,	8	40 ,,	78 17	—	29·28	21·5	—	—	—	9	A.-Cu.	NW	—	
,,	17.30	40 ,,	78 17	—	29·30	23·5	NE	½	—	9	Ci., A.-Cu.	N by W	N by W	Minimum temperature, 15·0° F. Sun shining.
,,	22.30	45 ,,	78 12	—	29·30	19·0	Calm	0	—	10	Ci.-St., St.-Cu.	E	N by W	Sun faintly shining; clear sky to S. Two coloured mock suns.
16	8	45 ,,	78 12	—	29·30	23·0	SSW	1	—	10	—	—	—	Minimum temperature, 17·0° F. Sun very faintly shining. Hoar-frost.
,,	15	50 ,,	78 7	—	29·35	28·5	—	—	—	5	A.-Cu., Ci.	N	—	Ci. clouds radiating from NW. Hoar-frost.
,,	20	Corner Camp	78 3	168 59	29·34	18·5	—	—	f.	—	—	—	—	Bright sun and low fog. Snow bow opposite to sun, no colour.
17	7	,,	—	—	29·29	14·0	—	—	—	—	—	—	—	Minimum temperature, 4·7° F. Hoar-frost.
,,	13	4½ miles W of Corner Camp			29·30	24·5	—	—	b.	—	—	—	—	Bright sun.
18	7	11 ,,	—	,,	29·36	12·0	SE	1–2	o.s.	10	—	—	—	
19	9	14	,,	,,	29·41	11·0	E	1	o.	8	A.-Cu.	E	—	Clear sky to the S.
,,	18	14	,,	,,	29·37	21·0	NE	1	o.s.	10	—	—	—	Overcast all day.
20	9	14	,,	,,	29·28	23·5	—	—	o.s.	10	—	—	—	Snow falling all yesterday and last night.
,,	15	18	,,	,,	29·31	23·0	E	1	—	7	A.-Cu.	E	—	Sun shining at intervals.
,,	24	21	,,	,,	29·27	14·5	NE	1	s.	6	Nb.	—	NNW	
21	8.30	21	,,	,,	29·36	10·5	—	—	—	—	—	—	—	Minimum temperature, 4·5° F. Clear sky.
,,	14.30	Safety Camp	77 54	167 17	29·32	25·5	—	—	—	—	—	—	—	Clear sky.

TABLE 78. REGISTER OF FIRST RELIEF (DOG SLEDGE) PARTY, HUT POINT TO ONE TON CAMP AND BACK.

February 26th to March 16th, 1912.

Observer: A. Cherry-Garrard.

Time.		Position.	Barometer (Aneroid) Uncorrected.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
February, 1912.			Inches.	° F.						
26	8.30	Hut Point	29·40	0·5	S 50 E	3	o.c.	10	—	Low drift all way from Hut Point. Clearing a bit at intervals, then thick again.
,,	11.30	Biscuit Depot (15 miles from Hut Point)	29·42	1·5	S 50 E	3–4	o.c.	10	—	Rather more drift and wind, all land obscured. Some blue patches of sky.
,,	17	,,	29·36	−2·0	E	1–2	o.c.	10	—	Wind has gradually died down. Still thick to S., but clear over Hut Point.
,,	23	Corner Camp	29·26	−4·7	SSW	1	o.c.	10	—	Thick to SE and E. Top of mountains covered, but foot-hills visible.
27	Noon	,,	29·25	−2·5	SSE	2–3	o.c.	7	Ci.-St.	Mountains and Bluff clear. On W of Erebus looked as if there was a wind blowing to Cape Evans, with drift.
,,	17.15	10 miles from Corner Camp	29·23	−4·0	SSE	3	o.c.	9	St.	Parts of foot-hills and all Bluff and White Island visible, the rest obscured. Same appearance of wind on lower SW slopes of Erebus, though part of foot of Erebus and all peninsula are otherwise clear. Very dark, open water sky behind.
,,	21.5	—	29·20	—	SSE	5	o.c.	10	St.	Blizzard started suddenly. Everything was obscured except a blue strip on southern horizon, out of which came the blizzard in the form of a cloud of drift. There seemed to be no cloud travelling with the drift.
28	8.15	—	29·29	−11·5	SE	3–4	o.c.	10	—	Mild blizzard blowing.
,,	16.15	—	29·37	−5·5	SE	1	o.c.	9	St.	
,,	20.30	—	29·36	−13·5	Light S Airs	—	b.c.	4	St.	Clear overhead to S. Overcast over Erebus and Terror. Western Mountains also clear.
,,	23.30	—	29·41	−21·5	Light N Airs	—	b.c.	3	St.	Clear overhead to S. Overcast over Erebus and Terror. Western Mountains also clear.
29	10.30	—	29·47	−16·5	Light N Airs	—	b.c.	4	St.	All day very black over White Island and Sound. Lower slopes of Erebus clear, and now cloud is spreading over to Bluff, all of which part has been clear all day, and also to S. 20 h.: upper clouds from NW.
,,	13.30	—	29·40	−11·0	N	2	o.c.	5	St.	
,,	20	Bluff Depot (79° S)	29·36	−19·0	N	3	o.c.	7	St., Ci.-St	
March, 1912.										
1	11.15	—	29·29	−1·5	Calm	0	o.c.	5	Ci.-St.	The Western Mountains and Ross Island in cloud all day, otherwise clear till about 15 h., when everything became overcast from N very quickly. Now sun breaking through at intervals.
,,	20.45	—	29·14	−13·0	NW	2	o.c.	9	Ci.-St.	
2	6.30	—	29·12	−23·7	NW	4	o.	9	Ci.-St.	This morning it was overcast and blowing a mild blizzard from NW. Now at 14 h. it is clearing to W and S; otherwise it is still thick.

TABLE 78. REGISTER OF FIRST RELIEF (DOG SLEDGE) PARTY. HUT POINT TO ONE TON CAMP AND BACK.

February 26th to March 16th, 1912.

Time.		Position.	Barometer (Aneroid) Uncorrected.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
March, 1912.			Inches.	° F.						
2	14	—	29·09	−14·7	NW	2	o.c.	7	Ci.-St.	
,,	18.15	—	29·01	−21·5	W	1–2	o.c.	5	St.	Cleared gradually, to W and S, and now bright sun except over Ross Island and the Sound, where it is thickly overcast. Small bank of cloud to S.
3	9	—	29·05	−23·7	Light SW Airs	—	b.	0	—	All mountains and barrier clear.
,,	13.45	—	29·06	−14·5	Light Airs	—	b.	0	—	
,,	17.45	One Ton Camp	29·11	−24·5	SW	1	b.c.	3	Ci.-St.	
4	9	,,	29·06	—	SW	6	o.c.	7	Ci.-St.	Blizzard in night, now much better.
,,	16.45	,,	29·04	−8·5	SW	4–5	b.	0	Ci.-St.	Still blowing, with clear sky, except to E, where there is low lying-cloud.
,,	20.45	,,	29·00	−15·0	SW	5	b.c.	3	Ci.-St.	
5	9	,,	29·08	−18·5	S	1	o.c.	7	Ci.-St.	
,,	14	,,	29·12	−21·0	Light SW Airs	—	o.c.	8	Ci.-St.	Overcast and thick to S.
,,	20	,,	29·09	−34·0	Light Airs	—	b.c.	4	Ci.-St.	
6	9.30	,,	—	−14·5	SW	7–8	o.s.	10	Ci.-St.	Blizzard started in night; took off in middle of afternoon.
,,	17.30	,,	29·15	−6·5	SW	3	o.c.	7	Ci.-St.	Parhelion in the afternoon. Ice crystals falling all day. Drift.
,,	20	,,	29·15	−19·5	SW	1	o.c.	6	Ci.-St.	
7	12.30	,,	29·01	−8·5	SW	1	o.c.	8	Ci.-St.	Another blizzard blew in the night; at midnight wind force 5 and moderate drift; this went down towards the morning.
,,	16.15	,,	28·96	−10·5	NNW	1	b.	—	—	Very clear; Erebus visible.
,,	20.30	,,	28·91	−27·5	NW	1	b.	—	—	
8	9	,,	29·00	−28·0	SSW	3–4	b.c.	3	Ci.-St.	Bank of cloud to S; otherwise clear. Drift.
,,	15.30	,,	29·06	−23·0	Light SW Airs	—	b.c.	4	Ci.-St.	Bank of cloud to S and to W; otherwise clear.
,,	20	,,	29·11	−37·0	Light Airs	—	o.c.	5	Ci.-St.	Bank of cloud to S and to W. Bluff capped.
9	9	,,	29·16	−13·5	SW	6	o.	9	Ci.-St.	Blizzard.

TABLE 78. REGISTER OF FIRST RELIEF (DOG SLEDGE) PARTY, HUT POINT TO ONE TON CAMP AND BACK.

February 26th to March 16th, 1912.

Time.		Position.	Barometer (Aneroid) Uncorrected.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
March, 1912.			Inches.	° F.						
9	15.45	One Ton Camp	—	−14·5	SW	2–3	o.c.	4	Ci.-St.	Drift.
,,	20	,,	29·16	−27·0	SW	2	o.c.	4	Ci.-St.	
10	8	,,	29·06	−33·5	N	1–2	b.	0	—	
,,	13.45	Return Journey	29·00	−23·0	Light N Airs	—	o.c.	6	Cu., Ci.-St.	Cu. cloud over Bluff.
,,	19	,,	28·94	−16·5	NE	2	o.c.	9	Ci -St.	Everything overcast but Western Mountains and strip of blue to S.
11	9	,,	28·99	−12·5	NE	1–2	o.	10	Ci.-St.	NE wind in night force, 3 to 4.
,,	14	,,	29·04	−13·0	SSE	3	o.	10	Ci.-St.	Snowing all morning ; now clearer.
,,	18	,,	29·14	−13·5	SW	6–7	o.	10	Ci.-St.	Blizzard now blowing.
12	9	—	—	−33·5	SW	4–5	o.c.	7	Ci.-St.	Blizzard still blowing, but high drift stopped. Clearing to S.
,,	10.45	—	29·26	−28·0	SW	3–4	o.c.	5	Ci.-St.	Clear overhead and to S ; overcast to N. Drift.
,,	16	—	29·47	−28·0	SW	2	o.c.	5	Ci.-St.	Ross Island and Strait overcast, also NE ; the rest is clear.
,,	20	—	29·24	−25·0	S	3	o.c.	5	Ci.-St.	Ross Island and Strait overcast, also NE ; the rest is clear.
13	9	—	29·26	−30·5	Light N Airs	—	b.	0	—	All clear.
,,	14.45	—	29·24	−26·0	Light NE Airs	—	o.c.	7	Fog	Fog over sea and to E.
,,	19 30	—	29·25	−19·5	SW	1–2	o.c.	8	Fog	During afternoon everything has been obscured by fog. Now Ross Island and foothills of White Island and Bluff are visible.
14	9	—	29·42	−16·5	Light N Airs	—	o.c.	5	Ci.-St.	
,,	14.30	—	29·41	−15·5	Calm	0	o.c.	5	Ci.-St.	All land clear and Barrier, except SW slopes of Erebus, which are very black ? Blizzard at Cape Evans. Hut Point also obscured.
14	18	Biscuit Depot	29·40	−17·0	NE	2	o.c.	8	Ci.-St.	All overcast, except low line of blue sky to S and E. During afternoon open water sky over Hut Point. Bluff clear.
15	9	,,	29·37	−17·0	SE	7	o.	10	Ci.-St.	Blizzard.
,,	18.45	,,	29·35	−20·5	SE	4	o.	10	Ci.-St.	All day blizzard, this morning up to force 9 at times. Now land is clearing. This blizzard started by sky becoming overcast from N. Black cloud over Hut Point and towards Mount Discovery.
16	8.30	,,	29·55	−22·0	E	1–2	o.	10	Fog	Wind and drift stopped in early morning : now fairly thick fog.

TABLE 79. REGISTER OF JOURNEY OF SECOND RELIEF PARTY TO 7 MILES BEYOND CORNER CAMP AND BACK.

March 27th to April 1st, 1912.

Observer : E. L. Atkinson.

Time.		Position.	Barometer (Aneroid) Uncorreeted.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
March, 1912.			Inches.	° F.						
27	14.30	Safety Camp (77° 54′ S, 167° 17′ E)	28·99	2·5	NNE	3	—	10	Ci.-St.	
,,	17.30	3 miles SE of Safety Camp	28·93	−3·5	ENE	3	—	10	Ci.-St.	
28	7	,,	29·05	−6·5	ENE	2	—	8	Ci.-St.	Minimum temperature, 27th to 28th, −6·0° F.
,,	12.30	Biscuit Depot	29·05	−15·5	ESE	3	—	8	Ci.-St.	Wonderful mirage. Very cloudy to E.
,,	17	2 miles E of Biscuit Depot	29·05	−6·5	NW	1–2	—	8	Ci.-St.	Lot of mirage. Bluff cloudy. Clearing to E.
29	7	,,	29·15	−3·5	SE	1–2	—	10	Ci.-St.	Minimum temperature, 28th to 29th, −13·0 F.
,,	12.30	7 miles from Corner Camp	29·20	−0·5	Light NW Airs	—	—	10	Ci.-St.	Bluff getting cloudy.
,,	17.30	1 mile from Corner Camp	29·21	−0·5	NW	1–2	—	10	Ci.-St.	
30	7	,,	29·25	−8·5	SE	1–2	c.	10	St.	Minimum temperature, 29th to 30th, −16·0 F.
,,	12	Corner Camp	29·29	−3·5	S	3–4	c.	10	St.	Slight snowfall and drift, also all land cloudy.
,,	17.30	8 miles from Corner Camp	29·31	−5·5	SE	3–4	c.	10	St.	Bluff and land cloudy.
31	7	,,	29·40	−13·5	ESE	3–4	c.	10	—	Minimum temperature, 30th to 31st, −13·0° F. Been very cold. Snowing.
,,	11	11 miles from Corner Camp	29·45	−13·5	SE	3–4	c.	10	—	Snowing.
,,	17.30	1 mile from Biscuit Depot	29·43	−13·5	SE	3–4	c.	10	—	Snowing.
April, 1912.										
1	7	1 mile from Biscuit Depot	29·50	−17·5	NE	2–3	c.	10	—	Minimum temperature, 31st to 1st, −17·0° F.
,,	12	6 miles from Biscuit Depot	29·49	−15·5	NE	3–4	c.	10	Drift	
,,	16	Edge of Barrier	29·55	−17·5	ESE	3–4	c.	10	—	

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Observer : T. G. Taylor.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
November, 1911.			Inches.	° F.						
16	20	Sea Ice 5 miles off Butter Point	29·70	7·0	S	2	Bright o.e.m.	3	—	Cloud in N and E. Extremely thick snow mist with some snow fluff balls falling till 14 h., then commenced to clear from S. Beautiful pall of dense cloud formed by Ci. gradually moving to N. Sun out about 17 h. Cooler during night.
17	8	,,	29·65	−0·5	S	3	Bright o.e.m.	1	—	Cloud in N. Clear sunny morning, sun bright, low water-cloud to N. slight low drift, keen wind.
,,	20.30	Butter Point	29·64	6·5	S	1	Bright o.e.m.	—	—	Low cloud in N and W. Clear most of day. Keen wind dropping in p.m.
18	8.30	,,	29·65	10·0	Calm	0	Very clear	0	—	Beautiful morning, no cloud anywhere.
,,	22.30	4½ miles N of Butter Point	29·66	9·0	W	1	—	1	—	Very clear. Long, low water-sky cumulus in N from Cape Bernacchi to Beaufort Island.
19	8	,,	29·68	6·5	Calm	0	b.	—	—	Very clear morning, little Cu. to NW. (Thermometer read 45° F. when taken out of instrument box.)
,,	20.30	1½ miles S of Cape Bernacchi	29·70	13·0	Calm	0	b.	—	—	Beautiful weather all day. Only very slight Cu. West from Beaufort Island as usual.
20	8	,,	—	9·5	Calm	0	b.	—	—	Beautiful weather.
,,	21	1½ miles N of Cape Bernacchi	29·97	9·5	Calm	0	b.	—	—	Beautiful weather, hazy to S.
21	8	,,	30·01	13·5	Calm	0	e.	8	Ci.	Fairly clear morning, especially horizon, all points visible, but haze and Ci. over sun. Very fine cloud radiant, uniting Erebus to Granite Harbour approximately. This cleared away, totally, about 19 h., but capped Erebus most of day.
,,	21	5½ miles N of Cape Bernacchi	—	18·0	S	1	b.	2	St.	Clear, slight wind in p.m., dying down later. St. on horizon.
22	8	,,	29·91	18·0	S	2	b.	—	—	Very little St. to N and S. Erebus and Discovery clear. Sun hot.
,,	20	12 miles N of Cape Bernacchi	29·93	16·5	S	3	o.	9	St.	Dull most of afternoon. Put up sail. Low S wind.
23	9	,,	29·97	—	SW	1	o.	9	St.	Erebus visible, except top.
,,	21	1 mile N of Dunlop Island	30·14	14·0	S	2	—	3	Ci.-St.	SW wind up to force 5 about 15 h. 21 h.: Ci.-St. to SW. Erebus very clear. Low drift on Piedmont Glacier.
24	9	,,	30·19	18·0	S	1	b.	1	St.	Clear, except Cu. to NE and St. and haze to E. All Erebus visible.
,,	19	2 miles N of Dunlop Island	30·10	15·0	S	1	b.	1	St.	Clear sky, except little St. to NE. (Water in cooker all day.) We changed from day to *night* marching.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
November, 1911.			Inches.	° F.						
25	9	6½ miles N of Dunlop Island	29·94	18·0	SW	1	b.	1	St.	Cloudy over Erebus. All night a fine banner of steam flowing to S, but about 8 h. became changed to opposite direction.
,,	21	,,	29·75	15·0	SW	1	b.	0	—	Slight Erebus smoke towards NW. Water lay on tent flap till 18 h.
26	8.	Cape Roberts	—	23·0	W	1	b.	0	—	Erebus clear.
,,	21.10	½ mile S of Cape Roberts	29·53	16·0	N	1	b.	2	—	Heavy sky to SE obscuring Erebus. St. to S. Wind dying away from N. Calm till 17 h. 30 m., then strong S wind developed to force 6.
27	8.30	Granite Harbour, 2 miles from Cape Roberts	29·63	24·5	S	5	b.	1	St.	Very curious tabular dark cloud over Erebus at 6 h. 30 m. Drift flowing over the glacier. At 8 h. 30 m. cloudy only to E.
,,	22	,,	29·80	16·0	S	3	—	3	Fr.-St.	Heavy cumulus-nimbus to NE; Fr.-St. all around horizon; clear zenith.
28	2.30	Ice Tongue in Granite Harbour	—	18·5	—	—	Snowy o.	10	—	Snow crystals falling of two kinds: (*a*) delicate, interlocking, pine-branch type: (*b*) coarse, thick, cog-wheel stars Snow clouds came up from SE without wind. To the NE very marked curved nimbus connecting St. to ice appeared at midnight.
,,	22	Small Tongue, Granite Harbour	29·90	13·0	—	—	o.	9	St.-Cu.	Snowing most of morning. Clear to NE. Fr.-St. elsewhere. Curious local mist rising off ice in the harbour.
29	8.30	,,	29·78	18·5	E	1	o.	10	Snow cloud	St. to E, sun invisible. At 20 h. 30 m. wonderful set of clouds to NE, alternating bright and dark columns, whole mass, with curved front, moving bodily to S. Held up most of day in tent.
30	12.30	End of Discovery Bluff	29·91	26·5	—	—	o.	9½	—	Sky covered with A.-St., with patches of blue showing; sun visible.
,,	22	1 mile W of Discovery Bluff	29·90	22·0	—	—	o. Snowing	—	—	Dull most of day, except about 14 h. Started snowing in small balls about 18 h. (1 inch of snow on sea ice in night.)
December, 1911.										
1	19	Camp Geology	29·90	22·0	E	1	o.	—	—	Slight snow. Dull most of day, except about 14 h.
2	8	,,	29·86	17·5	—	—	o.	8	St.	Sun visible and blue sky in patches.
,,	20.30	,,	29·80	18·0	Calm	0	—	1	Ci.-St.	Ci.-St. to W; little St. low to N. Slight W wind at 10 h., slight E at 13 h., and slight W at 19 h.
3	8.30	,,	29·70	11·0	W	1	b.	1	Ci.-St.	Blue sky, except detached Ci.-St. to E and haze over sea to NE.
,,	21	,,	29·67	17·5	Light E wind	—	b.	—	—	Fine day. In morning slight E wind.
4	8	,,	29·81	11·0	Calm	0	e.	8	Ci.-St.	Light mackerel sky and Ci.-St. over almost whole; no wind; sun bright.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32 °F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
December, 1911.			Inches.	°F.						
4	23	Camp Geology	29·97	15·0	—	—	b.c.	2	A.-St.	A.-St. in SW and St. to NE. Very variable winds during day, strong cold south gusts at 19 h.; easterly and westerlies varying during day, but not strong. Slight snow about 19 h.
5	10.30	,,	29·55	18·0	W	1	h.	0	—	Blue sky. Slight W wind. Nice sunny morning.
,,	21	End of Mackay Tongue	29·20	23·0	W	1	o.	10	—	Snow cloud and very dark storm cloud along east horizon. Ci. over at 23 h., and then began to be overcast. Threatening weather in evening.
6	10	,,	29·18	—	SE	7	o.	—	—	Snowing at midnight. Blizzard started at 3 h. Very heavy drift and strong wind, with constant SE direction. Drift melts easily on hands. Too stormy to swing thermometer.
,,	15	,,	29·26	—	SE	1	o.	—	—	Blizzard dropped rather quickly at 13 h. 30 m. Still continues to snow in large fluff balls. Nothing visible 30 yards off. Drifts 2 feet deep round tent. Sledge covered.
,,	17	,,	29·30	27·0	SE	1	o.	10	—	Held up all day in tent. Completely shut in by snow; falling in larger flakes, but weather apparently clearing a little.
7	8	,,	29·48	23·0	NE	1	o.	10	—	Snowing all night, sledge covered, 2 feet of snow added, now falling in very small caltrops, sun faintly visible. No wind in night, but just a little now (8 h.). Tent dripped badly, half cooker full from door-flap in night.
,,	20	2 miles from Mackay Tongue (North Bay of Granite Harbour)	29·72	13·5	—	—	b.c.	3	—	Ci. to E and a little overhead; low St. to E; clear elsewhere. The snow stopped about 14 h., and the snow-cloud blew off *en masse* to the W, leaving blue sky; 2 feet of soft snow over sea ice, awful for sledging.
8	7	North Bay	29·99	23·0	W	2	c.	8	Ci.-St.	Calm night; gusty winds from NE and W. Cold night. Ci. over most of sky; intermittent sun shining. (Left sledge with snow and "packed" our gear.)
,,	21	End of Mackay Tongue	30·10	21·0	W	1	c.	6	Ci.-St.	Fine day. Ci. overhead and in W; E is St. also.
9	10.30	,,	29·96	23·5	—	—	c.o.	8	A.-St., St.	Calm night. A.-St. above; St. all around. Fine complete halo around sun at noon.
,,	18.30	Camp Geology	29·86	22·0	NW	2 gusty	b.	—	—	During afternoon heavy clouds over Erebus and very dark low St.-like water sky near floe. But this all cleared away about 19 h.; blue sky but strong NW gusts.
10	9.30	,,	29·73	40·5	W	1	b.	1	Ci.-St.	During the night extremely strong gale from the W, starting at midnight and lasting till about 5 h. Tent pole bending, much drift, but clear sky. Temperature carefully taken on windward side of tent in shade. It rose from 33° F. on the snow. 10 h.: Very beautiful, pipe-like St. clouds apparently condensing above the peaks to N.
,,	20.30	,,	29·68	28·5	—	—	b.	0	—	Fine day, some wind from W, but about 19 h. slightly E. At present (20 h. 30 m.) only one cloud visible over Northern Mountains.
11	10.30	,,	29·52	29·5	NE	1	b.	0	—	No clouds. Calm night.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		(Weather Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
December, 1911.			Inches.	° F.						
11	22	Camp Geology	29·63	31·5	SW	1	b.	0	—	Fine day. About 17 h. mist lying on Northern Mountains. Saw open water to E from Signal Bluff (500 feet).
12	9	,,	29·76	33·0	WSW	2	o.	9	St.	Some blue sky to E; sun visible. Clouded over since 4 h.
,,	21	,,	29·78	35·0	Calm	0	o.	9	St.	Some blue sky from zenith to N. Cleared from 10 h. till 13 h., then cloudy.
13	8	,,	29·71	35·0	Calm	0	c.	5	Ci.	Ci. across the sky, but much blue sky. Fine night, no strong wind, but gusts from SW.
,,	18	,,	29·65	40·0	SE	Gusty	o.	9	Ci.-St.	Not much wind and fine during midday. A few isolated, violent gusts about 18 h. Now (18 h.) the sky is nearly all covered with Ci.-St., heavier to the W.
14	7	,,	29·61	31·0	Calm	0	o.	8	Ci.-St.	Zenith fairly clear, rest cloudy. Calm night.
,,	20	,,	29·50	31·5	Calm	0	o.	9	St. and Ci.	Clouded all over. Somewhat cloudy all day, with E winds.
15	9.30	,,	29·48	31·0	NE	1	o.	10	St.	Calm night, overcast.
,,	20.30	,,	29·48	32·0	Calm	0	c.	5	Ci.-St.	Clear to E and zenith, Ci. above and St. below elsewhere. Cold NE wind in morning, calm since noon.
16	9	,,	29·80	33·0	Calm	0	o.	10	Low clouds	Heavy fog or snow-cloud from N. masking mountains, and sun barely visible. Calm, fair night.
,,	21	Cuff Cape, 3 miles NW of Camp Geology	29·95	29·5	Calm	0	c.	3	Ci.-St.	Zenith mostly clear, some Ci.-St. to E and very heavy clouds over mountains to N and S.
17	8	,,	29·88	25·5	Calm	0	c.	5	Ci.	N and zenith clear; sun bright; rest with mackerel sky.
,,	21	,,	29·78	27·0	Calm	0	o.	9	St.	NE shows a little clear sky.
18	8.30	,,	29·80	32·0	Calm	0	o.	10	St.	Some snow at 6 h. Cloudy till 17 h.
,,	20	,,	29·81	30·0	Calm	0	b.c.	3	St.-Cu.	St. to E and Cu. over mountains.
19	10.30	Finger Point, 2 miles NW of Cape Geology	29·84	29·0	—	—	b.c.	6	Ci.-St.	Calm night. 10 h. 30 m. St. to E, Ci. overhead.
,,	19.30	,,	29·84	26·5	—	—	b.	0	—	Fine day. NE wind on Plateau at noon. Little Ci. and fine water sky to E.
20	8.30	,,	29·75	—	Calm	0	b.	0	—	During night some gusts from NE. 8 h. 30 m.: Calm and bright.
,,	10	,,	29·74	29·0	NE	1	b.	1	Ci.	Fine till 18 h., then became overcast.
,,	19	Punch Bowl	29·76	33·0	W	2	o.	10	St.	
21	11	,,	29·88	34·0	E	Var.	o. snow	10	—	Thin snow falling since 6 h. Sun visible. Thick to S.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
December, 1911			Inches.	° F.						
21	21	Punch Bowl	29·90	31·0	NW	1	c.	8	Fr.-St.	Cleared at noon, then overcast about 19 h. 30 m.
22	10	,,	29·95	29·0	Calm	0	b.	1	Ci.	Calm night. 10 h.: Some Ci. to E.
,,	19·30	,,	29·98	24·0	Calm	0	c.	8	Fr.-St.	Blue sky in zenith. Fine day till 17 h.
23	9	,,	30·01	26·0	Calm	0	o.	10	St.	Dull morning. Calm night, except a few sudden gusts at 23 h. Dull morning.
,,	21.30	Cape Geology	30·00	24·5	Calm	0	o.	9	Fr.-St.	Overcast till 16 h., then sunny for a time. Clear to NE, 21 h. 30 m.
24	10.45	,,	30·00	29·5	Calm	0	b.	0	—	Calm night. A little low wispy St. to NE, 10 h. 45 m.
,,	20	,,	29·97	27·5	Calm	0	b.	0	—	Perfectly clear.
25	8.30	,,	29·91	28·0	ENE	1	b.	0	—	Perfectly clear, 8 h. 30 m. Calm night.
,,	20·30	,,	29·88	25·0	Calm	0	b.	1	Ci.	E wind, force 1 at noon. Wispy Ci. N and S across zenith.
26	8.30	,,	29·88	21·0	Calm	0	b.	1	Ci.	About 2 h. a low sea-fog over whole of harbour.
,,	21	,,	29·94	22·5	Calm	0	b.	2	Ci.	Slight E wind about 16 h.
27	8	,,	30·02*	22·0	E	1	b.	2	Ci., St.	St. in E 8 h. Calm and clear night.
,,	20.15	Flat Iron (900 feet)	28·96	25·0	Calm	0	b.	0	—	Water sky toE, otherwise blue.
28	8.30	,,	28·86	28·0	Calm	0	b.	0	—	Calm night. 8 h. 30 m.: Sea-fog low over mouth of harbour. Slight Ci. to S.
,,	19.30	Red Cliff (1,200 feet) 4 miles W of Flat Iron	28·62	25·5	Calm	0	b.	4	Ci.	Wispy Ci., especially to S. Calm, bright day.
29	8.30	,,	28·55	25·0	Calm	0	o.	9	St.	Clear to E.
,,	19.45	,,	28·57	27·5	Calm	0	o.	8	St.	Keen NE wind at noon. Mottled St., but blue sky to E.
30	8.30	,,	28.60	27·5	Calm	0	o. snow	10	—	Somewhat clearer in night.
,,	20.30	,,	28·62	26·0	Calm	0	o.	10	St.	Overcast, but breaking somewhat, especially to E. About 16 h. snowing rather strongly, with gusts from W and N. Heavy, banyan-tree snow nimbus to E at 15 h.
31	8	,,	28.70	28·5	Calm	0	o.	9	St.	Sun visible through mottled St., clearer to E, dense to N.
,,	20	Gondola Ridge (about 1,200 feet)	28·45	24·5	N	2	o.	10	St.	Gloomy all morning (sun strong at 13 h.). Heavy fog rolled up from E at 16 h. and surrounds us now (20 h.).

* See note on page 688.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
January, 1912.			Inches.	° F.						
1	8.30	Gondola Ridge (about 1,200 feet) (about 10 miles W of Cape Geology)	28.40	22·5	NE	2	o.	10	St.	Few flakes of snow. Gondola Mount (4,000 feet) in black cloud (same during night).
,,	20.30	,,	28·40	23·5	Calm	0	—	2	Sea-fog and Ci.	Cool wind from E drove away clouds about 16 h. Little snow in morning. 20 h. 30 m.: Sea fog rolling up again from E. Clear zenith, but Ci. in S and W.
2	10	,,	28·42	21·5	Calm	0	o.	10	St.	Shut in by clouds. Few snowflakes.
,,	20	,,	28·33	19·0	N	1	o.	10	St.	Shut in by clouds, little snow all day. Sun just visible, 16 h.
3	9.15	Gondola Camp	28·32	22·5	N	1	o.	10	St.	Clouds resting about 700 feet above us. Slight snowfall. Somewhat clearer to E.
,,	20.30	,,	28·30	24·5	Calm	0	b.	1	—	Blue sky, except band of St. to S and E, about 3,000 feet up. The sky cleared gradually, and no clouds at 15 h.
4	8.30	,,	28·35	25·0	S	1	b.	0	—	Clear sky, except a little Ci. to S.
,,	20.15	,,	28·41	27·5	Calm	0	b.	1	St.	Little St. to SW and some over sea to E. NE wind in gusts, force 4, at noon. Clear all day.
5	8.30	,,	28·45	26·0	Calm	0	b.	0	—	Calm night. Clear sky, 8 h. 30 m.
,,	20.15	Flat Iron (900 feet)	28·38	28·5	Calm	0	b.	0	Ci.	Some Ci. to S. At 18 h. strong Noah's Ark of Ci. E to W over zenith. Moderate NE wind, force 2, at noon.
6	8.15	,,	28·36	32·0	S	2	b.	1	Ci.	Band of Ci. to N. During night a strong wind from SSW blew with force 5, but dropped about 5 h.
,,	20.15	,,	28·50	28·0	Calm	0	b.	1	Ci.	Fine day. Noah's Ark Ci. across zenith, bands E to W.
7	8.15	,,	28·41	30·5	SW	1	b.	0	—	Calm, clear night. A little Ci. to N, 8 h. 15 m.
,,	20.15	,,	28·32	24·0	Variable	—	b.	0	—	A bright clear day till 15h., when heavy sea-fog rolled up from E. This lies over everything to 800 feet, and occasionally swamps our camp also. Blue sky overhead.
8	8.15	,,	28·27	25·0	Calm	0	o.	8	St.	Sky covered with St., except one or two patches. Sun visible.
,,	20.30	Camp Geology	29·14*	29·0	SE	1	o.	10	St.	Black cloud to W and slight snow. Heavy sea-fog in morning, and heavy St. 1,000 feet up in p.m.
9	9	,,	29·20	29·0	Calm	0	o.	10	St.	Some snowflakes. A little blue overhead. Cu. to NW.
,,	20.15	,,	29·30	29·0	Calm	0	o.	10	St.	Gloomy all day. NE wind, force 2, at noon.
10	10	,,	—	29·0	Calm	0	o.	10	St.	Gloomy, snow falling. Big flakes at 3 h. and small spike crystals at 10 h.

* See note on p. 688.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

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Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
January, 1912.			Inches.	°F.						
10	20	Camp Geology	29·55	22·0	Calm	0	o.	10	St.	Little snow falling. Black Cu. over mountain peaks. Wind force 1 at 17 h.
11	8	,,	29·55	20·0	Calm	0	b.	2	Ci.-St.	St. to W and a little Ci. elsewhere.
,,	20	,,	29·41	23·5	Calm	0	b.	0	—	Blue sky (except a little water sky). Some snow about noon.
12	9.30	,,	29·27	18·5	Calm	0	b.	0	—	Cold night.
,,	20.30	,,	29·20	23·5	Calm	0	b.	1	St.	Some Fr.-St. to NW. Thermometer in sun 60° F. at 20 h. 30 m.
13	8.15	,,	29·21	20·5	Calm	0	b.	1	St.	Blue sky. Some St. to E and water sky. Calm night.
,,	20.30	,,	29·26	21·0	E	1	b.	1	Low St.	About 15 h. St. about 1,500 feet lying on hills; clearing later.
14	6	,,	29·34	11·0	Calm	0	b.	1	Low St.	Calm, cold night. Dark bank of St. to E over water, 6 h.
,,	22	Cape Roberts	29·52	22·0	S	2	b.	2	Ci., St.	Heavy snow squall from 12 h. to 16 h. and E wind, then cleared away, driving to W. Later SW wind changed to S. Noah's Ark Ci. SE to NW, gloomy to NW, 22 h.
15	19	,,	29·56	28·0	Calm	0	o.	10	—	Halo at noon. Sun fairly bright at 17 h.; dull rest of day.
16	Noon	,,	29·56	30·0	S	2	c.	3	Ci., St.	Some A.-St. to E. and Ci. scattered over sky.
,,	20.15	,,	29·56	24·5	SW	2	b.	1	Ci., St.	Cu. columns off Cape Bird, scattered Ci., and St. to NE. N wind at noon.
17	13	,,	29·50	30·5	NW	2	b.	2	Ci., St.	Noah's Ark from SE to NW, St. to NE. Erebus and Beaufort visible.
,,	19.15	,,	29·50	28·0	Calm	0	o.	10	St.	Clear till 15 h., and then clouding over from E.
18	12.15	,,	29·62	20·0	S	5	o. snow	10	—	Mild blizzard started at midnight, not much snow.
,,	18.15	,,	29·66	17·0	S	5	o. snow	10	—	
19	Noon	,,	29·67	25·5	S	3	o. snow	10	—	Cleared somewhat at 9 h., but then overcast again.
,,	20.30	,,	29·57	27·0	S	3	o. snow	10	—	Overcast all day and light snow.
20	13.30	,,	29·52	27·0	NW	2	b.	0	—	Low St. on horizon to N. SW wind, force 4, about 10 h.
,,	19.30	,,	29·51	24·0	S	2	b.	0	—	Steady wind. *Terra Nova* sighted at 13 h. 40 m.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

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Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
January, 1912.			Inches.	° F.						
21	12.30	Cape Roberts	29·46	21·5	Airs	—	b.	0	—	Fine, calm night, low clouds to N. Heavy mirage round ship to E at 12 h. 30 m.
,,	20	,,	29·46	19·5	W	1	b.	0	—	Calm day ; strong mirage to E.
22	Noon	,,	29·70	24·5	S	3	b.	2	A.-St.	Wind started about 10 h. and scattered clouds, but St. to E.
,,	20	,,	29·80	22·0	S	4	o.	9	—	Cu. to N, then Fr.-St., with clear sky. Overhead is A.-St. in bands, then to S bands getting closer and merging into a black storm cloud over Lister.
23	12.45	,,	29·87	22·0	S	1	b.	0	—	
,,	20.20	,,	29·85	23·0	Calm	0	b.	0	—	Slight NE wind in afternoon.
24	Noon	,,	29·80	23·0	Calm	0	b.	2	Ci.	Ci. chiefly to E and S. Calm night.
,,	20.30	,,	29·70	26·5	Calm	0	b.	0	—	Calm day but slight W wind at 16 h.
25	12.15	,,	29·70	23·0	S	2	b.	1	Ci.-St.	Little Ci. to N, and low St. N and E. Calm night.
,,	20.30	,,	29·72	26·0	Calm	0	b.	0	—	Some St. on Erebus. S wind, force 3, during afternoon.
26	13.15	,,	29·72	27·0	S	4	c.	6	St., Ci.	A strong wind started about 9 h. with Ci. and St. from S.
,,	20	,,	29·72	31·0	W	1	c.	7	St., Ci.	Wind died down about 16 h. Ci. bands run from E to W.
27	12.30	,,	—	39·0	S	3	c.	7	St., Ci.	Calm night. Wind started about 5 h. Heavy St. to S.
,,	19.30	,,	29·66	35·0	S	6	c.	7	St., Ci.	Ci. overhead and N St. to S. Some drift. Dry blizzard with drift and sun till midnight.
28	12.45	,,	29·58	35·5	S	3	b.	0	—	
,,	20	,,	29·54	34·0	S	3	c.	9	A.-St.	Lines of St. running N and S, especially in W.
29	12.30	,,	29·60	31·0	S	5	b.	0	—	Strong wind all day. Distant pack driven out, but fixed ice unchanged.
,,	20	,,	29·60	29·0	S	6	b.	1	Ci.	
30	12.30	,,	29·60	35·5	S	1	c.	5	Ci.-St.	Clouds covering western half of sky, bands E and W.
,,	20	,,	29·58	27·0	S	1	o.	9	A.-St.	Rather gloomy to S, clear in N. Calm, cloudy day.

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Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
January, 1912.			Inches.	° F.						
31	12.45	Cape Roberts	29·52	28·0	N	2	o.	10	A.-St.	Calm night.
,,	20.15	,,	29·50	29·0	Calm	0	o.	10	St.	Dark sky to N and E, like snow.
February, 1912.										
1	12.30	,,	29·53	32·5	Calm	0	e.	5	Ci.-St.	Calm night. Clear overhead, cloudy all around, 12 h. 30 m.
,,	20.15	,,	29·51	27·0	Calm	0	e.	5	Ci.-St.	Clear overhead. New eraeks in ice off Cape. Calm night.
2	Noon	,,	29·50	28·5	S	3	e.	6	Fr.-St.	
3	Noon	,,	29·75	24·5	S	2	b.	1	St.	Calm night. St. to N at noon.
,,	20.15	,,	29·82	24·5	Calm	0	e.	5	St.	Cloudy round horizon. Calm night.
4	Noon	,,	29·92	24·5	S	1	—	0	—	
,,	20	,,	29·86	22·5	S	1	e.	3	Ci.	Clear till 17 h., then A.-St., which cleared later.
5	11	,,	—	27·0	S	1	—	—	—	
,,	20	8 miles S on Glaeier	29·75	24·0	S	2	b.	1	St.	Few clouds to SW. As usual cloudy at 17 h. Station 500 feet.
6	7.45	On Piedmont (500 feet) 8 miles S of Cape Roberts	29·92	22·0	S	2	b.	1	St.	Cloudy round Erebus.
,,	20.45	Behind Spike Cape (1,000 feet)	29.49	10·0	SW	2	b.	1	St.	Cloudy N and E. Wind eold from its westerly component.
7	8.45	,,	29·32 (?)	21·0	Calm	0	b.	3	Ci.	Clouds as Noah's Ark, bands N and S over zenith.
,,	20	Behind Marble Point (1,350 feet up)	28·94	18·0	Calm	0	o.	9	Ci.	Clear, ealm day, with Ci. gradually spreading; Noah's Ark ESE–WNW bands.

TABLE 80. REGISTER OF WESTERN MOUNTAIN JOURNEY.

November 16th, 1911, to February 15th, 1912.

Time.		Position.	Barometer (Aneroid) reduced to 32° F., and Gravity at 45°.	Dry Bulb Temp.	Wind.		Weather (Beaufort Notation).	Cloud.		Remarks.
Day.	Hour.				Direction (True).	Force (0–12).		Amount (0–10).	Kind.	
February, 1912.			Inches.	° F.						
8	9.30	Behind Marble Point (1,350 feet up)	28·90	23·0	Calm	0	o.	9	Ci.	
,,	19.45	Cape Bernacchi	29·80	23·0	S	1	o.	9	St., Nb.	Heavy St., except clear in SW, and very heavy dark nimbus to NE.
9	8.30	,,	29·68	21·0	S	3	o.	10	St., Nb.	Overcast and very gloomy to SE, where is heavy nimbus. Cleared almost wholly by noon, drifting to E.
,,	20.55	,,	29·69	19·0	Calm	0	b.	1	St.	Cloudy to NE.
10	9.35	,,	29·65	25·5	N	1	o.	10	St.	Calm night. Sun shining on Erebus, and a little clear in SE.
,,	20	SE end of Dry Valley	29·63	25·5	SE	2	o.	10	St.	Sunny at 17 h., dull rest of day.
11	8.30	,,	29·76	24·0	Calm	0	o.	10	St.	An inch of snow fell in the night. Gloomy sky 8 h. 30 m.
,,	19.35	,,	29·82	18·0	SE	3	o.	10	Snow cloud	Some snow falling. Heavy clouds 1,000 feet up. Sunny on Cape Evans.
12	7.40	,,	29·78	12·5	Calm	0	o.	9	St.	Clear to NW. Erebus showing slightly.
,,	20	Near SE of Ferrar Glacier	29·75	18·0	Calm	0	c.	4	Haze	Clear except haze to NE and NW. Sky overcast till 14 h., and then clouds drove to E.
13	8.15	,,	29·87	22·0	Calm	0	o.	9	St.	A.-St. over whole sky, except to SE, where sun visible.
,,	20	Butter Point Depot	29.93	20·0	S	2	c.	5	St.	Strong S wind, force 5, blowing from 16 h. till 17 h., then calmer.
14	7.45	,,	29·90	14·0	S	1	b.	5	Ci.-haze	Calm, cold night. Clear S and N, rest hazy, 7 h. 45 m.
,,	19.30	S end of Strand Moraines	29·83	21·0	W	2	b.	1	St.	Some St. on W and E horizon, clear elsewhere.
15	9.45	,,	29·70	21·0	Calm	0	c.	5	Ci.-haze	Blue sky mingled with Ci. Gloomy to E.
,,	13.30	Off Blue Glacier	—	—	—	—	—	—	—	Picked up by *Terra Nova* off Blue Glacier. Snow storm developing from East.

* On December 27th the party left sea level and proceeded inland, returning to sea level on January 8th. The barometer readings given in this table when compared with simultaneous observation made at Cape Evans and on the ship appear correct before December 27th, and about ·12 inch too high after January 8th. No doubt the barometer received a knock during the rough climb, but it is impossible to say when this occurred.

SECTION IX

METEOROLOGICAL REGISTERS KEPT ON SLEDGING JOURNEYS FROM CAPE ADARE

TABLES 81 to 85

TABLE 81.

SCIENTIFIC NOTES ON A JOURNEY TO CAPE BARROW.

This short journey has presented many interesting and unexpected features to us, and, although our original hope was to find the sea ice snow-swept and to make a dash up along the coast to some distance past Cape North, we were not wholly disappointed with the change of circumstances and the falsifying of our theories. Scientifically, the journey has been very interesting, and I will give a comparison later between the weather conditions on the E. and the W. side of Robertson Bay which will be of exceptional interest.

It will be seen from my diary that the surface was the real reason that prevented us from making our dash up the coast, for we found that we were only just able to pull along our sledge with a week's provisions on it. On the other hand, however, we have every reason to suppose that the sea ice will remain in until later in the year than we had expected, and we intend to return with more provisions at the beginning of October ,when the temperature is rising, and to pick up three weeks' provisions at Cape Woodbar ; and having laid depôts at various places along this coast up to there to secure our retreat, in the event of our having to return in the kayaks, we intend to make a dash with a 9-feet sledge and a light equipment, and, if necessary, to finish up on ski with our sleeping bags on our backs.

I think that under normal circumstances this ice should be safe travelling until towards the end of November, and, if we can manage to do a few miles a day, while we are on the march we should be able to do enough geographical work to make our journey worth while.

Campbell has done practically no surveying during the present trip, and the geological work has also been left almost unscratched, but we now know that as far as Cape Wood the rock is unchanged and is still of the green stratified type of which Duke of York Island is formed, and which, I believe, has been described by Prior from specimens brought back by Borchgrevink. At Three Islands Point I noticed in a cursory glance I had at the rocks there that one at least of the layers contained nodules of a coarser grit-like rock, of which I must collect some specimens and send back by Levick and Browning, who are to accompany us across the bay to do the local photography. It is impossible to spare much time for geology as early as at present, for when the day's march is over, even under the exceptionally easy routine that we have been using, it is too dark after dinner for me to distinguish one rock from another, and I cannot stop the caravan much during the march, or at least—though to do Campbell justice he has given me every opportunity—I will not, for I consider that the geology is secondary in the present case to the geography and general science we might be doing.

The most interesting feature of our work has been the establishment of the fact of the presence of a lee all along the W. coast from Point Penelope to Cape Barrow, and most probably much farther, which is completely sheltered from the prevailing southerlies. We have before had a hint of such a state of affairs when the Terra Nova ran out of the gale in the late summer when she got within a few miles of the coast, and again ran into what we have all along believed to be the same gale off Duke of York Island, just about the place where she would run out of the shelter of the cliffs according to the evidence afforded by the weather and ice conditions during our present journey.

We have never before, however, realised the extent and universality of the lee, for we have all thought—at any rate I have, and I believe the rest of us have from the conversations we have had on the subject during the winter—that at least the majority of our gales reach right over to the opposite shore. Our first hint we received when we got into Relay Bay and found a deep surface of soft snow resting directly on the surface of thick sea ice which, from its absence of extruded brine, must probably have been amongst the first products of the autumn temperatures and must have remained more or less undisturbed after the main ice of the bay was removed by the gales of May and later of June.

We cleared this snow away from the surface of the ice for our camp in the bay, and I am furthermore certain, from the lack of resistance that my ski-sticks met with, and the fact that the points rested time and time again on the solid sea ice, that the middle of the bay at any rate is devoid of hardened drifts. The snow is of the large-grained type which is only found in the winter in the Antarctic as the result of prolonged ablation in an undisturbed position, when some grains disappear and a part of the moisture given off from them is condensed on others and thus increase them in size. I have no doubt that at the back of the bay local drifts with a somewhat soft crust will be found which have been formed by the north-westerly and valley gusts blowing the fresh fallen snow off the hills and the glaciers. In fact, at a later date we saw these very drifts forming in a bay this side of Cape Barrow and Wood, which we called the Bay of Pressure. As we followed the coast along we found that in all the bays the conditions as regards the surface snow were much the same, with a constant increase in the thickness of the snow deposits as we went further N. until in the Bay of Pressure the covering of soft snow over the pressure which gave its name to the bay ranged between 18 inches and 3 feet in thickness.

The permanence of this lee is further guaranteed by the occurrence of loose snow on all the projecting points of the cliffs and of large mounds of loose snow like the sand in an hour-glass which have been formed by small snowslides of the snow on the cliffs above them. These latter, as I have described in my diary, I saw actually in process of formation during the north-westerly gusts which were blowing intermittently in the bays and near the points while a southerly was raging outside in the centre and to the E. of Robertson Bay.

The presence, for the first time in my recollection, of ice caps low down on the foothills which are themselves capped by a thick layer of névé may possibly be due to the greater amount of snowfall in the mountains as we proceed further N., but though this is quite probable, and we have not evidence enough to say whether it is to be considered as likely or not, yet what little experience we have suggests rather the other way, for the snowfall, as will be seen from the comparisons of the meteorological reports, was greater on the E. than on the W. side of the bay while we were in a position to make notes on both sides.

It is at least certain that nothing at all can be added to this névé if the gales do rage in the W. with anything like the constancy and force with which they blow at Cape Adare.

Outside this area of calm there is a transition area where the snowdrifts increase in crustiness and hardness as the coast recedes, until finally that portion of the bay is reached which is wind-swept, except where local drifts are to be seen extending S.E. and N.W. to windward and leeward of the more prominent pressure ridges. This latter snow is distinguished from that further inshore by a damp appearance and by a salt taste due to its having swept across large stretches of bare sea ice before it has finally come to rest behind or in front of the prominence which has sheltered it.

Wherever large stretches of sea ice occur within this wind-swept area that are devoid of pressure ridges and disturbances they have been swept until they are quite bare or, at the best, covered only with a little snow in flecks and ripples where the brine from between the crystals is sufficiently effective to hold a certain amount of snow through the winds.

These bare patches are very difficult to distinguish from the areas of recently formed ice which have come into being since the opening and re-freezing of the leads which were due to the winter gales, and which we were tolerably familiar with off Cape Adare. One guide, which was almost infallible when it was possible to find a crack, was given by the height to which the water had risen in the crack before the latter re-froze, and in most of the pans we passed which were of considerable extent these cracks had remained open to a depth of a foot or thereabouts. Such being the case, the ice must be of considerable thickness, and I am of opinion that the disturbances have not, at any rate during the months since May, extended further to the S. than the long break stretching towards Cape Wood which alarmed us so much in August.

It is rather curious that I noticed more cracks in the sea ice during the trip from Warning Glacier across Robertson Bay to the Dugdale Glacier Tongue than I did in the whole of the remainder of the journey along the coast, where the open or recent cracks seem to be confined to tide cracks across the bays and old pressure ridges to the prominent bergs.

This is rather a digression from meteorology, but, after all, it has some bearing on the subject that I had been discussing, namely, the differences between the ice to the W. and E. of Robertson Bay, and which differences are intimately connected with meteorological conditions.

From the first moment that we passed the point of Relay Bay and sledged along inshore we began to notice signs of wind on the E. side of the bay, and off and on these signs were with us the whole time.

Perhaps the most striking indication of stormy weather was the constant whirl of drift between us and Cape Adare. On three or four days Cape Adare was wholly or partially hidden from us by drift, and during a great portion of the time we could hear the wind rushing across the sea ice, and in my diary I have noted these indications as they occurred. Perhaps the best way I can give some ideas of the different conditions will be to give side by side, with any comment I may think of, a diary of the weather on the eastern side of the bay, compiled from notes kept by Dr. Levick and Browning—first at their camp off Warning Glacier, and, secondly, at the hut at Cape Adare; and of the weather on the western side of the bay from my own diary kept during the sledging trip. I have one thing to reproach myself with, and that is that I missed the opportunity of taking barometric readings from time to time during our trip; and this was distinctly aggravated when I returned and found that Browning and Levick had got readings for at least a part of the time they had been cooped up in their tents at Warning Glacier.

The omission is most unfortunate: and I can only urge in my defence that I had already got the food to look after; and the temperatures and general meteorological log, besides my geology and my share in pitching camp and in pulling, and that also it was spring sledging, and that one does not remember everything one might when spring sledging.

As a matter of fact, I never thought about the barometer at all until Campbell reminded me that we had such a thing when we were about half-way through the journey. After this he took over the observations himself but did not succeed in finding time for them, so that they were never done at all (R.E.P.)

September 8th, 1911.

Warning Glacier.

12 noon. Calm with light northerly airs. All cloud has now rolled away. The sun feels quite warm. (R. E. P.)

4 p.m. The day remains fine and the sun is quite hot. (R. E. P.)

6 p.m. The night is clear with a bright moon. Temperature −15° F. (R. E. P.)

September 9th, 1911.

Warning Glacier to Dugdale Glacier.

6 a.m. Temperature −25·2° F.

11 a.m. Clear but for Cirro-stratus and Alto-stratus to the N. and a little scud forming to the N. of us, moving down rapidly from the N.W., and banking up and dispersing a little to the S. of Warning Glacier. A thin northerly breeze is blowing.

11.40 a.m. The sun is quite warm and it is perfectly still, and all clouds have dispersed except a little Alto-stratus trending W.N.W. and E.S.E. and Strato-cumulus on the northern horizon.

12 noon. Snow is forming on the eastern side of Cape Adare and moving slowly from the N.E. There is a little cloud on the top of Sir John Murray Glacier. Our boots and mits are steaming in the heat of the sun.

Light southerly airs here.

5 p.m. Temperature −15° F.

The weather has remained calm with light airs, and there are no clouds except some Stratus along the northern horizon and a cap on Cape Adare and on Warning Glacier.

8 p.m. A slight southerly air is blowing here and the cloud cap on Cape Adare is descending and extending. (R. E. P.)

Warning Glacier.

Till 3 p.m. the sky was B 10. About 3 p.m. a cloud was seen approaching over the N. tributary of Warning Glacier from the N.E. Puffs of wind from different directions were soon felt and by 5 p.m. a blizzard was blowing from the E.S.E. There were great quantities of drift flying off the top of Cape Adare. The drift obscured all view beyond a short distance from the camp. The situation remained substantially unchanged until midday on the 10th. (Levick and Browning.)

September 9th, 1911—continued.

A comparison between these notes would, in the light of what followed, suggest that the wind works gradually westward, for it was not until the end of the next day that it reached Penelope Point. We have often noticed the similar phenomenon of a wind blowing for a day in the Ross Sea before it reached over Cape Adare and down Warning Glacier and struck us.

September 10th, 1911.

EAST. WARNING GLACIER.

A hurricane blew from the E.S.E. until midday on the 10th when, though the wind did not moderate, the atmosphere cleared towards the southward and revealed a dense and very dark band of fog between us and the mountains W. of the bay. At the same time drift was observed blowing off Sir John Murray and Sir George Newnes Glaciers.

The wind continued all day with unabated force. (Levick and Browning.)

WEST. DUGDALE GLACIER TO POINT PENELOPE.

6 a.m. Temperature −15·9° F.
Alto-stratus radiant W.N.W. and E.S.E. A large quantity of fog driving along the coast of Cape Adare. Sun shining. Light N.W. airs.

11 a.m. A N.W. breeze of force 1 is blowing and Cape Adare is almost hidden by drift.

1 p.m. There is a good deal of frost smoke rising at no great distance to the E. of us and the sky is getting overcast with light haze, while Cape Adare is almost entirely obscured. Northerly airs.

5 p.m. Calm and overcast. Low mist to the E.

6 p.m. Temperature −13° F. Calm. Overcast. (R. E. P.)

It was not till to-day that we in the WEST began to realise what sort of weather they were getting on the EAST coast, and I think that the fog mentioned in my morning notes, as well as the frost smoke to the E. of us in the afternoon, might both be compared with Levick and Browning's drift, especially as we are likely to make our mistakes in that direction rather than any other, as our thoughts are much directed to the probability of an early or late break up of the sea ice. There is no doubt that the frost smoke to the E. of us must have been snow fog or drift, for we have since been across that line and there is no vestige of a recent crack. It was probably the same as the cloud seen by the Warning Glacier party between us and them, and was due to a current of cooling air coming down one or other of the glaciers at the back of the bay, or possibly to the formation of a fog bank at the junction of the warm air of the blizzard with the cool air of the lee.

This drift and that seen by Levick and Browning coming off the southern glaciers are both witnesses to the gradual western extension or swinging of the wind.

September 11th, 1911.

EAST. WARNING GLACIER.

E.S.E. wind blowing force 10 to 12 all day. About 7 p.m. in the evening several cracks had formed about the tent, in which considerable movement of the ice was noticed. This gave rise to the impression that the swell of the sea was making itself felt beneath the ice. One or two stars could be seen. The barometer was then 28·6″ and during the night rose very slowly. At midnight it was 28 7″. (Levick and Browning.)

WEST. RELAY BAY.

8 a.m. Temperature − 4° F. Very thick and a wall of drift to windward. We are in a very sheltered bay, and though a little drift and snow and a few gusts reached us, we have nearly escaped the wind we can hear raging outside. We can see drift whirling round Point Penelope.

September 11*th*, 1911—continued.

12 noon. Overcast, with occasional drift-bearing gusts from the S.S.W. and W. A steady southerly wind is carrying drift past the two capes of the bay.

2 p.m. The weather is substantially unchanged, but slightly clearer.

4.30 p.m. A N.E. wind is blowing, but is probably a local eddy from the southerly. Temperature — 7° F.

This day has seen the most westerly extension of the blizzard, when it reached as far W. as Point Penelope and Three Islands Point on the coast. In the bay we were almost entirely sheltered, none of the gusts being of sufficient strength to cause the formation of any hard drifts, though they were sufficient to carry an intermittent, low and large-grained drift which changed the position of some of the snow in the bay, and to add to the soft drifts round the ice-foot by sweeping the recent accumulation of soft snow off the face of the cliffs on the projecting points of which the latter had lodged. (R. E. P.)

September 12*th*, 1911.

East. Warning Glacier to Cape Adare.

At 4 a.m. the barometer had risen to 28·9″, and early in the forenoon it reached 29·0″. The wind had now moderated, but a thick drift was pouring off the top of the cape, and vision was obscured beyond a hundred yards.

At 12.20 p.m. the wind had quite dropped and the air had cleared a good deal. On the way home sun-dogs could be seen accompanying the sun from 2 p.m. to 4 p.m.

The quantity of pebbles blown from Cape Adare seemed to suggest that the wind had been unusually strong, but from our sheltered position we were unable to judge of this, though by the noise and streams of drift it certainly seemed to be blowing from force 10 to 12.

(Levick and Browning.)

West. Relay Bay to the Bay of Bergs.

8 a.m. Temperature — 14·2° F. Overcast with Nimbus haze, but inclined to clear. Slight granular snow falling. Calm.

9.45 a.m. Slight northerly breeze. Sky clearing. Sun shining. Bank of Nimbus to N. and E.

2 p.m. Nasty N.W. breeze blowing and overcast. Slight snow falling.

3.30 p.m. It is very hazy and thick low down and a slight spicular snow is falling. The sky is clear near the zenith. The sun has just disappeared behind the cliff, and was accompanied by horizontal sun-dogs for some time before it set. Calm or light N.W. airs.

6 p.m. Temperature — 10·5° F. Sky clear but for Nimbus haze low down to the N. and E. Calm.

This day saw the end of the blizzard and an immediate clearing up of the hazy weather that had accompanied the disturbance on the W. side of the bay; this clearing has already begun to be accompanied with a fall of temperature.

I do not think that Levick's pebbles off the cliff are necessarily a testimony to the unusual force of the blizzard, but that they should rather be considered a witness to the increasing force of the sun's rays. (R. E. P.)

September 13*th*, 1911.

East. Cape Adare.

8 a.m. S.E. airs. Granular snow falling. Clouded with Nimbus. Clear to the S.E. Temperature — 13° F.

8 p.m. Calm and clear. Barometer rising slowly. Temperature falling. Slight spicular snow fell during the day, and clouds of snow could be seen moving along the mountains to the S. A light Stratus cloud stretched across the foot of the mountains to the S.E. $4\frac{3}{4}$ hours' sun. (Browning.)

September 13*th*, 1911—continued.

East. Bay of Bergs to Cape Woodbar.

6 a.m. Temperature — 42·8° F. Clear and calm.

12.30 p.m. Temperature — 27·8 F. Calm or light N.W. airs. Clearing but for Stratus to the N. A litle Scud moving very slowly from the W. Bright sun.

5 p.m. Temperature —23·4° F. Cape Adare still bathed in sunshine.

Both on the E. and W. of the bay to-day has been marked by calm clear weather and a lowering of temperature. (R. E. P.)

September 14*th*, 1911.

East. Cape Adare.

8 a.m. Overcast except to S.E. Barometer falling. Temperature rising. Wind from the S.E. of force 1.

8 p.m. Barometer falling slowly all day. Temperature has risen 18°. Wind died away at noon. Scud on Cape Adare moving rapidly from the E.S.E. Heavy snow, first spicular and then star-shaped crystals.

A loud noise behind the cape since 4 o'clock. (Browning.)

West. Pressure Bay to Cape Wood.

8 a.m. (App.) Temperature —30·4° F.

5 p.m. Temperature — 12° F. The day started clear with the sun shining and northerly airs, but the sky soon changed, and then clouded over from the N., and now everything is obscured but the bluff we are camped against, and heavy spicular snow is falling. Temperature rose to —9° F. before dinner ended. (R. E. P.)

To-day has been marked on both sides of the bay by a general super-saturation of the atmosphere and consequent precipitation from it, followed and accompanied by a rise of temperature. We see the signs of the approach of another southerly gale on the eastern side of Cape Adare which will, if normal, later sweep across the cape into and across the bay.

September 15*th*, 1911.

East. Cape Adare.

8 a.m. Overcast, with sun shining through haze. During the snowstorm $5\frac{1}{4}$ inches of snow have fallen. The wind continues behind Cape Adare. Temperature rising. Barometer falling slightly. Slight E.S.E. breeze blowing. (Browning.)

8 p.m. Barometer rising steadily all day. Temperature rose during the morning, but is now falling again. Sky overcast with thick Nimbus haze. The noise continues behind Cape Adare. N.W. wind of force 1 to 3.

Some spicular snow during the day. (Browning.)

West. Cape Wood across Pressure Bay to Cape Woodbar.

7 a.m. Temperature 0·8° F. Granular snow falling. Sky obscured with Nimbus haze, but inclined to clear. Sun-dog to right of sun. Cape Adare looming through the mist. 2 or 3 inches of snow during the night. Calm nearly all night.

4.30 p.m. Overcast, with spicular and granular snow. 2 inches this side of the bay. Temperature 0·4° F.

6.30 p.m. Clouds clearing a little to the westward. Southerly airs. (R. E. P.)

The interesting point of this day's notes is that to all appearances the fall of snow was heavier on the E. side of the bay and not on the W. side. Otherwise the day was characterised by much the same type of weather on either side of the bay.

September 16th, 1911.

East. Cape Adare.

8 a.m. Blizzard from the S.E. accompanied with drift. Force 10 to 11. Barometer fell quickly during last night and the wind increased. At 2.30 a.m. the wind had reached force 10 to 11 and clouds of drift were flying along, making it impossible to see 5 yards ahead. At 5.30 the wind was strong, but not so much drift. Temperature rising.

8 p.m. Wind easing a little. Barometer rising and temperature falling. Overcast. Between 3 and 4 the wind increased to force 12, carrying with it small pebbles. Mountains and glaciers to the S. have been hidden all day. (Browning.)

West. Cape Woodbar to Three Islands Point.

11 a.m. Temperature —1·8° F. Gusts of N.W. wind blowing during the night, sometimes carrying low drift but never very strong. Very thick all round here and drift moving across the sea-ice to the E. of us. Sound of wind in the bay and the ice at the tide-crack is working a good deal.

5.30 p.m. Temperature + 3·8° F. Overcast and N.W. airs all day. Cape Adare showing dimly from time to time, but always a cloud of drift between it and the back of Robertson Bay and us.

8 p.m. Calm. Beginning to clear to the W. Clouds breaking and stars showing in places. (R. E. P.)

To-day has seen the maximum westward extension of the wind and has also seen its greatest force. Again the disturbance in the E. has been accompanied by overcast weather in the W.

September 17th, 1911.

East. Cape Adare.

8 a.m. Overcast. Wind from the S.E. of force 4 to 7.

8 p.m. Barometer rising and temperature falling slowly. Clear and bright. Wind from S.E. and S.S.E. blowing force 4 to 7 until 3·30 p.m., when it died away. It has been overcast all day. (Browning.)

West. Three Islands Point to Penelope Point.

7.30 a.m. Temperature 3·0° F. Calm and overcast.

10.30 a.m. Calm to light southerly airs. Heavily overcast. Cape Adare and the back of Robertson Bay dimly visible. Slight granular snow.

3.45 p.m. Overcast. Calm or light northerly airs. Scud moving slowly from the W. under a Nimbus haze. Cleared a little in the afternoon to the S.E. and E., leaving rolls of Strato-cumulus over the hills at the back of Robertson Bay. Temperature + 5·0° F. It has been higher during the day, as the thermometer when taken out of the instrument box showed a temperature of + 8·5° F.

8 p.m. Small white clouds are forming a little to the S. of us and to the E. of the land, and are moving to the N. and disappearing again.

The sky has lightened a bit to the eastward. Still very thick to the N. and S. N.W. airs. (R. E. P.)

Another day of calm, overcast weather, as if the weather were having a respite before treating us to another wind. The observations on either side of the bay again agree very well.

September 18th, 1911.

East. Cape Adare.

8 a.m. Barometer steady and temperature falling slowly. Clear in zenith and to N. and a heavy Nimbus cloud on Cape Adare. This is moving from the S.S.E. Calm. Stratus along the foot of the hills to the S.

8 p.m. Barometer steady. Calm and bright. A thick fog has been hanging over the cape all day but cleared a little about 3 p.m. The sun then shone brilliantly for about 1½ hours. Later in the evening the fog cleared altogether. Temperature falling slowly. (Browning.)

West to East. Penelope Point to Cape Adare.

5.45 a.m. Temperature —2·0° F. Clear with a little Stratus to the N. and Scud overhead.

8 a.m. Sky overcast with Cirro-cumulus from the N.

8 p.m. The sky became overcast early in the day, with a low-level Nimbus fog which did not quite reach us but shrouded Cape Adare almost or quite to sea level. Northerly airs to a breeze of force 2 all day and slight spicular snow for a short time.

This has brought us to the end of our first journey, and as far as the evidence goes it points plainly enough to a similar climate to the W. and the E. of the bay with this one very important exception.

It seems probable, almost certain in fact, that the southerly winds, which form such a feature in the weather not only of Cape Adare but of the Ross Sea generally, do not for some reason or other reach to the Western coast to the N. of Robertson Bay, but are represented there by calms or light N.W. and W. airs and by overcast weather and high temperatures. I shall be better able to generalise when our second trip to the coast is an established fact and I have additional evidence in support of or in contradiction to this theory, and so I will say no more on the subject now, only writing this in case I am not able to give the result of the second journey's observations.

TABLE 82.

METEOROLOGICAL DIARY, SECOND TRIP TO CAPE BARROW AND BEYOND, OCTOBER 4TH TO 20TH, 1911.

Observer: RAYMOND E. PRIESTLEY.

(Barometer correction + 0·10 inches.)

October 4th, 1911.

12 noon. Cloud cap on Cape Adare, but decreasing. Frost smoke off the N. end of the cape. Bank of Stratus from the N. to the W. at a low altitude, with a fringe of Scud settling slowly on to the main body from the S.W.

Cloud cap on the hills to the S.W. Warning Glacier obscured. A long Stratus cloud from Sir John Murray Glacier to Warning Glacier has disappeared. A few bits of Scud still in the Western Mountains. Calm and bright sun.

4.30 p.m. Clear and calm. Bright sun. All clouds gone, but a little Stratus to the N. and Scud on different mountains round the bay, giving some of them the appearance of volcanoes as it trails away to the W. Temperature at 6 p.m. −15° F.

This is from Cape Adare to Relay Bay near Penelope Point.

October 5th, 1911.

RELAY BAY TO 1 MILE N. OF CAPE WOODBAR.

6 a.m. Double prismatic halo round the moon. A little Scud on Cape Adare and Stratus to the northward.

8 a.m. Barometer 28·61″. Temperature −12·5° F. Scud on Cape Adare. Stratus behind Warning Glacier and on Geikie Land. Calm. Bright sun.

12 noon. Barometer 28·69″. A little Strato-cumulus from N. to W. on the horizon. A little Cirro-cumuliform Scud on Cape Adare, otherwise clear. There were minute ice crystals in the air when we got up this morning.

1 p.m. Temperature −12·2° F. Light Stratus in front of Cape Adare at about 3,000 feet.

3.30 p.m. Ice crystals in the air. The Stratus has spread right across to the W. from Cape Adare. Calm. Bright sun all day. The drifts on our course show the prevalent wind to have been S.S.E.

6 p.m. Stratus clouds with a fringe of Cirro-cumulus spreading from Cape Adare and descending the side of the mountain till within 1,000 feet of sea level. It extends from the W., where it reaches a maximum altitude of 20°, to across Warning Glacier and Geikie Land. Calm at camp, but thin westerly airs inshore. Bright and hot sun till set behind mountains. Temperature −25° F. Barometer 28·53″.

8 p.m. Temperature −28° F. Clouds have spread until the Scud fringe reaches to within 20° of the Western Mountains. Calm. Moon showing through the clouds with a whitish brown halo. Cape Adare hidden to 500 feet.

October 6th, 1911.

CAPE WOODBAR TO SIREN BAY.

6 a.m. Temperature −3° F. Sky heavily overcast with Nimbus haze. Slight spicular snow falling.

October 6th, 1911 continued.

8 a.m. Temperature zero ° F. Barometer 28·38″. A little blue sky to the W. The cloud is the extension of that spreading yesterday from the E.

10 a.m. No change in the weather. Still overcast and snow changed to granular.

12.30 p.m. Slight snow. N. airs and N.E. airs. Sun just breaking through in the W.N.W. Barometer 28·38″. Temperature + 4° F.

2 p.m. Clouds breaking from time to time. Snow stopped. N. airs.

6 p.m. Northerly airs beyond the cape. Calm in the bay behind the ice tongue. B. 1 C. 9. Clear N.E. to N.W. along the horizon. Inclined to clear a little to the W. also.

7.30 p.m. Slight granular snow and Northerly airs. The Stratus cloud is settling down thicker.

8 p.m. Temperature — 12·1° F. Barometer 28·41″.

October 7th, 1911.

Siren Bay to Whaleback Cliffs.

6.20 a.m. Temperature + 11·2 ° F. Barometer 28·46″. Bank of mist between us and Cape Adare. Cirro-cumuliform Scud moving from the S.E. and gradually dissipating. Calm.

S.S.E. airs outside. In the bay S.S.W. breeze. Force 1 to 3 carrying drift. Drift low and large-grained and just creeping along.

Sastrugi in the bay show that this wind distribution is common.

General deductions on Siren Bay weather from the sastrugi :—

W.N.W. and E.S.E. sastrugi at the entrance. a zone immediately inside has blocks from an ice avalanche with sastrugi well marked in two series at right angles to each other—one runs E.S.E. and W.N.W. and the other S.S.W. and N.N.E.

They are due to E.S.E. and S.S.W. winds respectively. Inside the Bay the sastrugi are SSW and NNE. At the back of the bay there are no sastrugi but soft drifts with their central point at W.S.W. This last direction is the trend of the valley running back behind the bay.

9 a.m. Bright sun. Calm. Clouds as before.

9 a.m. Out beyond the bay (Siren Bay).
Southerly airs here ; I believe there is wind in the bay (Robertson Bay).
Barometer 28·35″. Temperature —2·0° F.

11 a.m. Clearing to the E. Cape Adare beginning to show through. Cold northerly airs. Scud and Stratus to the N.W. and W. Also between us and Cape Adare.

6 p.m. Temperature — 11·0° F. Barometer 28·37″. Thermometer No. 53. N.P.L. 10. Barometer No. 12.

Sunday, October 8th, 1911.

Whaleback Cliffs to Siren Bay.

7 a.m. Temperature — 11·5° F. Barometer 28·61″. B. 9 C.1. Stratus and Alto-Stratus round the horizon. Bright sun.

11 a.m. Barometer 28·59″. Temperature — 10·8° F. Sky clouding over from the N. N.W. airs. Stratus to the S.W.

3 p.m. Granular snow falling with S.W. airs. B. 5 C. 5. Stratus and Cirro-cumulus clear round the zenith. Clouds over Cape Adare.

4 p.m. Stratus cloud rising from the N. with a fringe of Cirro-cumulus and moving from the N.W. Light N.W. airs. Bright sun at intervals. Heavy cloud to the S. Cape Adare, which has been visible most of the day, is almost blotted out.

5 p.m. Barometer 28·54″. Temperature —2·0° F. The sky has become completely overcast. Calm here.

October 9th, 1911.

Siren Bay.

8 a.m. Barometer 28·47″. Thermometer — 8·0° F. Lovely day. ¾ inch of snow fell last night. E.S.E. airs while the snow was falling.

6 p.m. Barometer 28·47″. Thermometer —11·0° F. C. 10. Stratus and Nimbus. Calm. The day started clear and has been calm with bright sun. At noon a bar of Stratus formed across a little W. of Cape Adare and Geikie Land, and this grew thicker till this afternoon. At present several other bars of cloud trending N. and S. are forming, and the sky is inclined to become overcast. The snow in the bays does not appear to have been moved at all since we were here last.

Tuesday, October 10th. 1911.

Siren Bay.

8 a.m. Southerly wind of force 1 to 2. Slight spicular snow. Overcast with Nimbus haze. The sun is just showing through as a bright spot.
Temperature — 0·5° F. Barometer 28·67″.

2 p.m. Barometer 28·71″. Calm. Cloud cap on Cape Adare. Otherwise clear. Bright sun Calm and bright. Lovely day.

6 p.m. Temperature — 14° F. Barometer 28·78″. A little Scud on Cape Adare and Stratus to the N. Otherwise clear. A thin breeze off the cliffs to the S. again sprung up at the disappearance of the sun.

October 11th, 1911.

Cape Woodbar to Siren Bay.

8 a.m. Temperature — 22·8° F. Barometer 28·86″. Calm. Clear but for a little Stratus along the horizon from the N. to the N.E. Cumulus banked up E. of Cape Adare.

5 p.m. Barometer 28·75″. Temperature — 13·0° F.

8 p.m. Temperature — 4° F.

9 p.m. Temperature — 16·0° F.

October 12th, 1911.

Cape Woodbar.

8 a.m. Temperature —3·9° F. Barometer 29·00″. B. 7 C. 3. Stratus. Calm.

12 noon. Fine. B. 8 C. 2. Stratus to the N. and E. (10 a.m.). Since then haze has formed from the N. and E. and has completely covered the sky.
Snow is falling as spicules and four-pointed stars with rays 120° apart. Sun shining through the Nimbus haze.
Temperature — 4·5° F.

5 p.m. Temperature — 2·0° F. Thickening, but less snow, all spicular.

8 p.m. Barometer 29·09″. Thermometer — 6·0° F. Overcast. Slight spicular snow. Calm.

October 13th, 1911.

Cape Woodbar to Island Point.

8 a.m. Temperature —0·8° F. Barometer 29·11″. Overcast with Nimbus haze, through which the sun shows dimly. Cape Adare is visible.

October 13*th*, 1911—continued.

2 p.m. Temperature — 15° F. Barometer 29·17″. Completely overcast. Calm. Cape Adare sometimes visible and sometimes blotted out. ½ inch snow. Spicular snow with a tendency to fall in small flakes.

8 p.m. Thick weather with a breeze carrying low drift.

October 14*th*, 1911.

Pharoah Island and Island Point.

10 a.m. Barometer 29·10″. Southerly or north-westerly gusts, with low, large-grained drift. Gusts 0 to 5 approximately. Overcast with snow-cloud.

12 noon. Temperature + 23° F. Otherwise no change. Sun struggling through the mist.

8 p.m. Temperature + 15·0° F. Barometer 28·89″. No change in the weather.

Sunday, October 15*th*, 1911.

Island Point and Pharoah Island.

8 a.m. Temperature + 22·8° F. Barometer 28·975″. Completely overcast. Snow falling sparsely as simple or compound six-rayed stars. Wind in the night changed slightly in direction and blew so that it did not reach us; but for some hours a steady gale could be heard outside.

12 noon. Temperature + 25·3° F. Completely overcast. A little spicular snow. Calm or light N.W. airs.

8 p.m. Temperature + 1·0° F. Barometer 28·86″. Calm. Cirro-stratus radiant, radiant point S. Scud forming at the back of the Bay of Bergs.
Still hazy. Scud moving from the N.W., and N.W. airs here.

October 16*th*, 1911.

Bay of Bergs.

8 a.m. Overcast. Calm. Temperature + 19·5° F. Barometer 28·71″. Slight spicular snow. Bad light.

1 p.m. Overcast. Calm. Spicular snow. Everything blotted out but near the bluff. Temperature + 25·8° F. Barometer 28·7″.

6 p.m. Temperature 10·5° F. Barometer 28·74″. B. 1 C 9- Clearing to the W. N.W. airs. Granular snow with grains about the size of a pin's head

8 p.m. Temperature + 5·2° F. Barometer 28·75.″ Overcast and N.W. airs. Slight granular snow as at last observation. Not ½ inch of snow all day.

October 17*th*, 1911.

Island Point to Penelope Point.

6 a,m. Temperature – 0·8° F. Barometer 28·55″. Calm. B. 9 C. 1. Cirrus and Alto-stratus.

11 a.m. Nimbus cloud obscuring the sun: it has risen from the N. and E. Calm.

6 p.m. Temperature + 5·8° F. Barometer 28·51″. About 2 p.m. granular snow started to fall and at 2·30 p.m. southerly airs blew. The granular snow changed to spicular, and the wind increased in strength until just near the cave it was blowing force 6 to 7 in gusts.

October 18th, 1911.

Penelope Point.

6 a.m. Temperature 0·8° F. Barometer 28·68″. B. 3 C. 7. Stratus, Scud and Cirro-cumulus. Clouds of mist from Sir George Newnes Glacier and spirals of drift from Warning Glacier. Cape Adare clear. Whaleback Cumulus forming on Geikie Land and trailing off towards the N.W.

12 noon. Barometer 28·68″. Overcast from Cape Adare. B. 1 C. 9. Sun shining. Nimbus haze.

6 p.m. A bright bar of white cloud above Cape Adare. This is probably ice sky; we are inclined to think that it is the reflection on a low cloud of the ice cap on the cape and of Warning Glacier. Barometer 28·65″. Temperature + 5·5° F. B. 1 C. 9. Nimbus haze.

October 19th, 1911.

Penelope Point.

12 noon. Temperature + 5·5° F. Barometer 28·65″. (Same as yesterday, but not a mistake.) O. 10. Calm or N.W. airs.

6 p.m. Temperature + 7·0° F. Barometer 28·54″. O. 10. Nimbus haze. Alternately thickening and clearing over the glaciers to the S.

October 20th, 1911.

Penelope Point to Cape Adare.

6 a.m. Temperature + 5·8° F. Barometer 28·46″. B. 1 C. 9. Clear to the W. Haze hiding all but the bottom of Cape Adare. Glaciers clear. Sun struggling through the haze. (R. E. P.)

TABLE 83.

REGISTER OF JOURNEY TO WEST COAST OF ROBERTSON BAY.

October 4th to 13th, 1911.

Observer: F. V. Browning.

October 4th, 1911.

From Cape Adare to Penelope Point.

Weather fine and bright, heavy Nimbus on Cape Adare, which cleared off as the sun rose. Stratus to the N.

12 noon. Ice spicules in the air, fine Stratus cloud extending from Warning Glacier along the mountains to the S.

8 p.m. Fine moonlight night, clear and calm.

October 5th, 1911.

From Penelope Point to Island Point.

8 a.m. Weather fine, light N.W. airs. Cumulus cloud over Cape Adare increasing during the day.

6 p.m. Stratus cloud from Warning Glacier stretching towards N.N.W.

October 6th, 1911.

Island Point to Cape Woodbar.

10 a.m. Overcast with Nimbus haze and spicular snow falling. Sun just breaking through, light N.W. airs.

6.30 p.m. Spicular snow. N. airs. Clear to the N. Thick Nimbus to E., S. and W.

October 7th, 1911.

Cape Woodbar to Cape Wood, Cape Wood to Cape Woodbar.

8 a.m. Weather fine, clouded to N.W. Ice spicules in air. Calm. Sun shining brilliantly. About 11 a.m. it became overcast with Nimbus, but cleared again before 1 p.m. Signs of storm towards Cape Adare.

12.30 p.m. Clouded to N. W.N.W. airs.

7.30 p.m. Thick clouds towards Cape Adare. Calm and clear in the zenith. Fine moonlight night. Sun 10 hours.

October 8th, 1911.

Cape Woodbar to Island Point to G. 3.

9 a.m. Fine day clear and bright. Heavy Cumulus to N.W. Nimbus over S.E. end of Cape Adare.

11 a.m. Heavy Nimbus clouds came over the top of the hills from the S.S.E. Sun obscured. Very thick towards Warning Glacier.

October 8th, 1911—continued.

2 p.m. Nimbus cleared away and sun came out again.

4 p.m. Nimbus over hills. Light granular snow fell.

6 p.m. Calm. Overcast. Granular snow.

October 9th, 1911.

From G. 3 to Penelope Point.

8 a.m. Fine day. Cumulus clouds to the N. Nimbus haze over Cape Adare. Sun shining bright.

4 p.m. Snow could be seen moving rapidly along the top of Cape Adare towards the N.N.W. Sir George Newnes Glacier obscure, haze rising off the sea ice to the W.

October 10th, 1911.

From Penelope Point to the Dugdale Glacier.

9 a.m. Sun shining through Nimbus haze.

10 a.m. Nimbus haze cleared. Sun shone brilliantly for the remainder of the day.

8 p.m. Calm and bright Cumulus over Warning Glacier. Stratus over Cape Adare. Sun 9 hours.

October 11th, 1911.

Dugdale Glacier to Duke of York Island.

Day fine and bright. Snow fog over Warning Glacier stretching to the N.N.W. Top of Cape Adare visible over the fog.

6 p.m. Heavy Cumulus clouds over Sir George Newnes Glacier. Light Cirro-stratus over Sir John Murray Glacier. Signs of wind on the hills. Clouds moving from the S.S.E. S. airs. 12 hours sun.

9.20 p.m. Clear all round. Faint whitish curtain of aurora from S.E. to N.N.W.

October 12th, 1911.

From Duke of York Island to Sir George Newnes Glacier to 1 mile S. of Seal Point.

8 a.m. Day fine and bright. Nimbus over Warning Glacier. Also over Sir George Newnes Glacier. Cumulus to N.

9.30 a.m. Sun shining bright. Clouds thickening over Warning Glacier, moving from the N.N.E.

4 p.m. Heavy Nimbus clouds came over from the N. and spicular snow fell. N.W. wind of force 1. Sun just visible through the haze.

6 p.m. Overcast with Nimbus haze; spicular snow falling. N.W. wind of force 1.

October 13th, 1911.

8 a.m. Loud noise behind Cape Adare. Very thick to the S. N.W. wind of force 1 to 2. Clouds of snow moving along the top of Cape Adare from S.E. Snow is also coming down the cliffs and out across the sea ice.

2.30 p.m. Wind from the S.E. of force 5 to 6, with blinding snow. F. V. B.

TABLE 84.

REGISTER OF JOURNEY TO SIR GEORGE NEWNES AND WARNING GLACIER.

OCTOBER 28TH, 1911, to NOVEMBER 4TH, 1911.

Observer: R. E. PRIESTLEY.

(Barometer correction +0·10 inches.)

October 28th, 1911.

CAPE ADARE TO SIR GEORGE NEWNES GLACIER.

1.30 p.m. N.W. breeze of force 1 to 3. B. 8 C. 2. Scud travelling from the N.W. Stratus in front of the mountains to the S. in front of Warning Glacier, and from N.W. to N. along the horizon.

10 p.m. Barometer 28·74″. Temperature +5·0° F. O. 10. Slight S.W. airs.

October 29th, 1911.

SIR GEORGE NEWNES GLACIER.

8 a.m. Temperature +6·0° F. Barometer 28·64″. B. 1. C. 9. Cirro-cumulus and Stratus moving from the N.W. Cumulus on Cape Adare. Calm.

1 p.m. Sky became overcast in the early morning but has again cleared till the clouds are quite light. The sun occasionally shows through.

C. 10. Calm. Slight N.W. breeze above the 500-feet level. Barometer 28·58″.

6 p.m. Temperature +8·8° F. Barometer 28·57″. B. 3 C. 7. Cirro-cumulus and Stratus. Calm. Cloud cap on the S. end of Cape Adare.

October 30th, 1911.

SIR GEORGE NEWNES GLACIER.

9 a.m. Barometer 28·71″. Temperature +10·0° F. A S.E. wind is blowing on the glacier, but only N.W. gusts are reaching us at camp. The wind is carrying a little snow as flecks of small spicules. Warning Glacier is slightly obscured by snow and drift. B. 4 C. 6. Stratus and Cirro-cumulus to the N. Clear to the S. At 5 a.m. there was not a cloud in the sky.

12 noon. Barometer 28·775″.

4·30 p.m. B. 5 C. 5. Clouds and drift moving from the S.E. S.E. wind to force 8 two hundred yards from the camp, but only N.W. gusts here, and never over force 5.

8 p.m. Temperature +6·1° F. Barometer 28·81″. B. 8 C. 2. Scud from the S.E. Much drift driving down the Sir George Newnes Glacier from the S.E.

Wind unchanged here, but much heavier outside. Mist around Warning Glacier and the S. end of Cape Adare. Unnamed glacier fairly clear: probably there is not much wind coming down it.

October 31st, 1911.

SIR GEORGE NEWNES GLACIER.

10 a.m. Temperature +21° F. Barometer 29·04″. B. 9 C. 1. Scud and Stratus moving from the S.E. A little drift on the glacier. Bright sun.

N.W. gusts here, and S.E. wind above us. Wind a little stronger during the night.

October 31st, 1911—continued.

2 p.m. Barometer 29·075″. B. 9½ C. ½. Calm. Scud.

6 p.m. Barometer 29·04″.

8 p.m. Temperature +9·2° F. B. 9½ C. ½. Stratus cap on Cape Adare. Calm or light southerly airs.

November 1st, 1911.

Sir George Newnes Glacier to Warning Glacier.

8 a.m. Barometer 28·92″. Temperature +10·3° F. Calm. B. 10.

4 p.m. Calm till noon, then N.W. breeze of force 1 to 2. Calm for a short time, then southerly breeze of force 0 to 1. S.S.E. gusts with drift on the glacier struck the camping party a few minutes ago.

6 p.m. Barometer 28·91″. Temperature +19·0° F. B. 9½ C. ½. S.E. wind carrying snow on the hills above Warning Glacier and Sir George Newnes Glacier.

The wind is carrying drift whirlwinds fast over the sea ice to the W. of us. Occasional N.W. gusts here.

7 p.m. Gusts of wind from the S.E. rushing down the glacier and striking the tent.

November 2nd, 1911.

Warning Glacier.

12 noon. Barometer 28·88″. Temperature +24·5° F. S.E. wind all last night in gusts of hurricane force. O. 10. Drift in squalls. The blizzard is very thick with snow, and the tent is getting drifted up to windward between it and the sledge. This is very unusual on the E. side of the bay.

8 p.m. Barometer 29·07″. Temperature +18·5 F. S.E. wind 0 to 12. Very strong and gusty. Whirlwinds of drift across the sea ice outside of us and constant noise on the glacier.

November 3rd, 1911.

Warning Glacier.

11 a.m. Barometer 29·36″. Temperature +18·5 F. All night strong southerly wind on the glacier, but several calm spells down here with heavy gusts in between. This morning the sun is shining through a thin Nimbus haze, and the mountains opposite and to the S. of us are visible. The wind when it reaches us is at present only force 4 to 5. The calm spells are beginning to increase in length.

4 p.m. The southerly wind gradually decreased until 2 p.m. when it was replaced by a N.W. wind of force 1 to 3, which has since died away leaving the weather quite calm. Scud still forms against the mountains to the S. of Warning Glacier and moves from the S.

8 p.m. Temperature +14·0° F. Barometer 29·36″. B. 2 C. 6 H. 2. Stratus and Nimbus haze. Calm.

November 4th, 1911.

Warning Glacier.

6 a.m. Barometer 29·29″. Temperature +18·6° F. Calm. B. 2 C. 8. Cirro-cumulus and Stratus.

Sledging Barometer No. 12. Sling Thermometer No. 53. N.P.L. 10. (R. E. P.)

TABLE 85.

REGISTER OF JOURNEY TO DUKE OF YORK ISLAND.

NOVEMBER 7TH TO 16TH, 1911.

Observer : R. E. PRIESTLEY.

(Barometer correction + 0·10 inches.)

November 7th, 1911.

CAPE ADARE TO CRESCENT BAY, *viâ* DUGDALE ICE TONGUE.

4 p.m. The calm of the morning was first broken by gusts of wind from the S.E. over Warning Glacier, but as we pulled across a steady southerly wind reached us from Sir George Newnes Glacier. This dropped at 1 p.m. and again got up an hour later. This time the draught reached us through the medium of the Sir John Murray Glacier, and soon afterwards the southerly wind ceased, giving place to a calm with occasional N.W. airs.

B. 10 to B. 9 C. 1 all day. A little Scud on Warning Glacier, mist at the back of and over Sir George Newnes Glacier, and trails of cloud moving from the S. and S.W. from the peaks of the Admiralty Range. In the last half hour a Stratus cloud has formed against the N.W. end of Cape Adare. This has evidently been caused by the N.W. airs.

8 p.m. Temperature + 15·0° F. Barometer 29·22″. B. 9 C. 1. Scud. Calm. Clouds moving quickly from the S.E.

November 8th, 1911.

CRESCENT BAY, DUKE OF YORK ISLAND.

8 a.m. Barometer 29·22″. C. 10. Stratus and Scud. Nimbus. Moving slowly from the S.E. The sun is just trying to struggle through. Calm, with occasional gusts of variable direction at camp.

1 p.m. Temperature + 32° F. N.W. gusts here. Southerly wind of medium strength outside. Sound of gale and very thick to the E. Nimbus and Scud. Slight granular snow this morning near the ridge at the back of the bay.

6 p.m. Barometer 29·22″. Temperature + 27·8° F. C. 10. Stratus, Nimbus, and Scud. Occasional N.W. gusts here, but mainly calm.

November 9th, 1911.

CRESCENT BAY, DUKE OF YORK ISLAND.

8 a.m. Temperature + 25·8° F. C. 3 H. 6 B. 1. Haze and Stratus. Sun shining fairly brightly. Barometer 29·13″.

November 10th, 1911.

CRESCENT BAY, DUKE OF YORK ISLAND.

7 a.m. Temperature + 22·1° F. Barometer 29·16″. Calm. C. 10. Nimbus, Scud, and Stratus.

2 p.m. Calm. B. 1. C. 9. Clear to the S. Clouds very dense and low. Nimbus, Scud, and Stratus.

November 10th, 1911—continued.

6 p.m. Calm or light southerly or north-westerly airs. Overcast and clouds descending. Slight spicular snow. Temperature + 24·8° F. Barometer 29·21″.

November 11th, 1911.

Crescent Bay.

9 a.m. Temperature + 23·5° F. Barometer 29·295″. O. 10. Nimbus haze. Calm or occasional variable gusts at camp.

8 p.m. Temperature + 21·0° F. Barometer 29·240″. O. 10. Calm or southerly airs. S.E. breeze all day in the bay. Cape Adare N. end obscured most of the day. Glaciers capped with low cloud. There seems to be a persistent wind of medium strength and unusual steadiness blowing from the Sir George Newnes Glacier, and the gusts we get here strike the W. side of Crescent Bay and swing right round.

November 12th, 1911.

Crescent Bay.

10 a.m. Temperature + 27·0° F. Barometer 29·22″. B. 8 C. 2. Cirrus and Nimbus haze Southerly wind in gusts with calm between.

8 p.m. Southerly wind in gusts all day. Clear sun to hazy.

November 13th, 1911.

Crescent Bay.

8 a.m. Thermometer broken. Barometer 29·28″. B. 7 C. 3. Cumulus, Cirro-cumulus, and Stratus, moving slowly from the S.E.

8 p.m. A nasty southerly wind all day in Robertson Bay and a noise of strong wind from the cliffs of Cape Adare to the E. On the Sir John Murray Glacier calm was prevalent, with very occasional gusts of wind.

November 14th, 1911.

Crescent Bay.

8 a.m. Barometer 29·25″. Cirro-stratus radiant N. and S. Nimbus haze over the glaciers and very thick to S. Calm or occasional southerly gusts at camp. Steady slight southerly breeze off the E. end of the Island.

6 p.m. Just after lunch opposite Warning Glacier a sharp southerly breeze sprang up, and we had to fight our way back to Crescent Bay against this steadily increasing wind.

Before we reached Crescent Bay it was blowing force 9 to 10.

During the latter part of the day the unnamed glacier and Sir George Newnes Glacier became completely blotted out by a dense snow mist.

This remained just short of Duke of York Island.

November 15th, 1911.

Crescent Bay.

Overcast all day and strong southerly wind in the bay. Occasional southerly gusts at camp.

November 16th, 1911.

Crescent Bay.

Overcast till 6 a.m. and then cleared quickly, and has remained bright all day. Dense clouds on the peaks to the W. of Sir George Newnes Glacier and on Warning Glacier and Cape Adare. A light southerly wind all day, but never more than force 4 or 5.

Sledging Barometer No. 12. Thermometer No. 53. N.P.L. 10.

SECTION X

METEOROLOGICAL LOGS OF THE "TERRA NOVA" ON VOYAGES BETWEEN NEW ZEALAND AND THE ANTARCTIC

TABLES 86 to 88

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.*	Fog Intensity (0–5).
November, 1910.		° ′	° ′			Inches.	° F.	° F.					
30	13·30	47 34	170 38	N	3–4	30·09	53·6	—	A.-St., A.-Cu.	St., St.-Cu.	8	o.c.	—
,,	16.30	—		Nly	2	30·02	54·6	52·5	Ci.-St., A.-St., A.-Cu.	—	6	b.c.	—
,,	20.30	—		NW	3–4	29·98	53·5	50·8	—	St., St.-Cu.	10	o.c.	—
,,	24.30	—		NW	5	29·92	52·5	50·0	Ci.	St.-Cu.	3	b.c.	—
December, 1910.													
1	4.30	—		NW	6	29·73	52·1	51·0	Ci.-St.	St.	10	o.m.	1
,,	9.30	—		W	5–6	29·64	48·1	47·8	—	St., Nb.	10	o.3r.	—
,,	12.30	50 44	170 38	WSW	6	29·62	47·0	46·0	—	St.	10	0.1d.	—
,,	17.30	—		WSW	7–8	29·53	44·8	42·1	—	St.-Cu., Cu.	8	c.	—
,,	21.30	—		WSW	9	29·56	43·5	41·0	—	St., St.-Cu.	10	o.c.	—
2	4.30	—		WSW	10	—	—	—	—	—	—	c.	—
,,	8.30	—		WSW	10	—	—	—	—	—	—	c.	—
,,	12.30	52 7	172 11	WSW	10	—	—	—	—	—	—	o.c.	—
,,	19.30	—		SSW	9	29·74	42·0	39·0	—	St.-Cu., Cu., St.	8	c.	—
3	4.30	—		SW	5–6	29·84	42·0	39·0	—	St.-Cu., Cu.	7	c.	—
,,	12.30	52 12	172 48	W	5–6	29·88	44·2	41·2	—	St., St.-Cu.	10	o.c.	—
,,	16.30	—		WSW	5	29·85	44·1	41·8	—	St., St.-Cu.	10	o.c.	—
,,	20.30	—		W	5	29·83	43·0	41·0	—	St.	10	o.c.	—
,,	24.30	—		W	5	29·83	43·0	41·0	—	St.	10	o.c.	—
4	4	—		SW	7	29·73	43·0	41·1	—	St.	10	o.f.	1
,,	9.30	—		W	6–7	29·72	42·5	41·0	—	St.	10	o.c.	—
,,	12	54 31	178 50	W	6	29·74	42·8	41·5	—	St.	10	o.c.	—
,,	16	—		W	5	29·73	43·0	41·8	—	St.	10	o.c.	—
,,	20	—		W	5	29·70	42·8	41·0	—	St.	10	o.c.	—
,,	24	—		WNW	5	29·66	43·0	42·0	—	St.	10	o.c.	—
5	4	—		W	5	29·59	41·6	40·7	A.-Cu.	St.	9	o.m.	—
,,	8.30	—		WNW	5	29·58	41·8	41·2	—	St., Nb.	10	o.d.	—
,,	12	56 41	176 23	WNW	5	29·55	44·0	41·8	—	St.	10	o.c.	—
,,	16	—		W	4–5	29·56	43·8	41·5	—	St., St.-Cu	8	c.	—

* The numbers attached to entries under Beaufort Notation indicate hours of duration.

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature	Colour †	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10)			
				° F.		
N	4	SSW	6	—	—	Afternoon. Wind commenced to ease at 15 h. In latter part of watch lower clouds rising into Alto.
NNWly	3	Cross SSW Wly	6	50·8	—	
Wly	4	Confused WNWly	7	49·8	—	Overcast and squally with light rain till 22 h. Sky cleared and wind steadied before midnight.
Wly	5	SWly	7	51·0	—	
WNW	5	—	—	51·2	—	4.30 h.: Strong steady breeze with flying scud. Increased to 7 for about 10 minutes at 1 h.
WSWly	5	Confused WSWly	6	47·6	—	a.m. Commenced to rain about 5 h. and continued through watch. Slight to moderate. 8 h.: Wind and sea commenced to moderate. Rain to drizzle.
SW	6	WSW	7	47·0	—	12.30: Detached piece of kelp. Wind started increasing at 10 h. 11 h. 30 m.: Wind to SSW for 15 minutes.
SW by W	6	SW by W	8	—	—	p.m.: Wind and sea increasing after 14 h.; by 15 h. blowing 7–8.
SW	8	SW	20 ft. 8	—	—	Dogs: Wind and sea increasing gradually till force 9 at 19 h. 30 m.
—	8	—	8	—	—	Wind from SW, force 10, till afternoon, when began to back gradually, and at 16 h. 30 m. perceptibly commenced to ease in strength. Very high seas of 35 ft. (estimated). Sky generally overcast with St. Cu. clouds, but occasionally breaking. In dog watches decided break of clouds. Ship lying-to all day. Wind easing all first watch.
—	8	—	8	—	—	
—	8	—	8	—	—	
Confused SSW	8	SSW	8	—	—	
Confused SW	25 to 30 ft. 6	SSW	8	—	—	Middle: Wind still easing and sea decreasing.
Confused SWly	6	SSWly	8 15 ft.	45·2	—	Afternoon: Sun came out dimly for a little between 13 h. 30 m. and 14 h. 30 m.; otherwise absolutely overcast.
SSW	6	S	8	45·1	—	
SW	5	SSW	7	45·0	—	
SW	4	S	7	45·0	—	Midnight: Slight lightning flashes occasionally. 2 h.: Slight increase of wind after gusts and lulls. 4 h.: Increase steady to force 7. No scud. 5 h.: Passed floating kelp.
SSW	6	SWly	7	45·0	—	
SW	6	SSW	6	42·8	—	Forenoon: Overcast all watch, though sun occasionally tried to break through; slight drizzle for a few minutes at 11 h.
SW	6	SSW	7	42·5	—	
SW	6	Confused SSW	6	43·2	—	Afternoon: Wind gradually easing at 14 h., SW. force 5. Wind shifted two points, 22 h. Swell decreasing.
SW	6	SSW	18 ft. 8	42·5	—	
SW	5	SSW	6	—	—	
SW	6	SSW	7	40·0	—	2 h. 20 m.: Wind increased to 6, with bank of St.; falling about 2.30 to 5, showing A.-Cu. clouds. 4 h.: Sky overcast but clearing in patches from time to time. 5.20: Passed drift kelp. Sky clearing in places; 30 minutes' drizzle. Wind falling lighter. Forenoon: Sun made some attempts to break through; occasional showers of slight drizzle. Afternoon: Cleared very much at 12.15. By 13 h. St.-Cu. and A.-St., proportion 5. 15 h.: clouded over again. Occasional showers of drizzle. Dogs: Occasional showers of drizzle.
WSW	6	SW	8	40·0	453	
SWlyW	5	SWly	5	41·0	—	
SW	5	SW	6	41·2 (18 h.)	—	

† The scale employed to record the colour of the sea is that given in "Code des Coleurs d'apres la methode Chevreul par Paul Klingksieck et Th. Valette."

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.		° ′	° ′			Inches.	° F.	° F.					
5	20		—	WSW	4	29·68	42·0	39·5	—	St.-Cu.	5	b.c.	—
,,	24		—	WSW	4	29·65	41·0	38·5	—	St.-Cu.	3	b.c.	—
6	4	58 7 (1.30)	177 22 W.	WSW	4	29·59	40·9	38·7	A.-St., Ci.-St.	—	10	o.c.	—
,,	9		—	ENE	1	29·54	39·4	38·2	—	St., St.-Cu.	10	o.c.	—
,,	12	59 7	177 51	E	1–2	29·49	39·0	38·8	—	St.	10	o.c.	—
,,	16		—	NE	2	29·46	38·8	38·8		St., Nb.	10	o.c.2d.	—
,,	20		—	NE	3–4	29·37	37·0	37·0	—	Nb.	10	o.4rm.	—
,,	24		—	NNW	3	29·27	38·0	38·5	—	St.	10	o.r.	—
7	4		—	NNWly	2	29·18	36·8	36·8	—	St.	10	o.d.f.	2
,,	9		—	SSW	5	29·20	34·0	33·1	—	St.-Cu., Cu.	10	o.c.	—
,,	12	61 22	179 56	WSW	6	29·30	35·0	33·5	—	St.-Cu., Cu.	6	c.	—
,,	16		—	WSW	5–6	29·37	32·5	30·8	—	St.-Cu.	10	o.c.	—
,,	20		—	WSW	5	29·43	32·0	—	A.-St.	St.-Cu.	8	c.	—
,,	21		—	SW	6–7	—	31·5	29·5	—	St.-Cu.	7	—	—
,,	24		—	SW	6	29·52	29·5	28·0	A.-Cu.	St.-Cu.	4	b.c.	—
8	4		—	SSW	5	29·58	29·9	—	Ci.-St.	St.-Cu.	8	c.b.q.s.	—
,,	8.30		—	SSW	5	29·75	32·0	31·0	—	Cu., Cu.-St.	5	b.c.	—
,,	12	63 20	177 22	SSW	5	29·86	31·9	30·5	—	Cu.	2	b.c.	—
,,	16.30		—	SW	4–5	29·94	30·0	27·0	—	Cu.	3	b.c.	—
,,	20		—	SW	3–4	29·96	28·1	25·2	—	St.-Cu., Cu.	4	b.c.	—
,,	24		—	WSW	4	29·97	28·0	—	—	St.-Cu.	10	o.c.	—
9	4		—	W	4	29·98	27·8	25·1	A.-St.	St.	7	b.c.	—
,,	8		—	W	3	29·94	29·5	26·8	A.-St.	St.-Cu., Cu.	6	b.c.	—
,,	12	65 8	177 40	W	3	29·94	32·5	30·0	A.-St.	Cu.	6	b.c.	—
,,	16	65 32 (17·24)	178 5	W	1–2	29·91	29·8	26·8	A.-Cu.	Cu.	7	b.c.	—
,,	20		—	NW	1–2	29·87	28·0	26·1	A.-Cu., A.-St.	Cu.	6	b.c.	—
,,	24	In Pack		Calm	0	29·81	27·0	—	A.-St.	Cu., St.-Cu.	4	b.c.	—
10	5.30		—	ENE	2	29·72	28·0	—	A.-Cu.	St.-Cu.	8	b.c.	—
,,	8·45		—	NE	2	29·66	27·0	—	A.-St.	St., St.-Cu.	9	c.	—
,,	12	66 38	178 47	ENE	2	29·64	28·0	—	A.-St.	St.	9	c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				F.		
SW	6	SW	4	39·0	—	
SW	4	SW	4	40·0	—	
Confused	—	SWly	5	40·0	—	Midnight: Clouds St.-Cu. 8 to 9; cleared to 3 at 11.30. 1 h.: Sky partially clear with A.-Cu. and Ci.-St. about amount 5.
—	2	Confused SWly	5	41·0	429	Mottled Ci. to SSW. 4 h.: Upper clouds radiant point SSW. Breeze unsteady. 5 h.: Clouds St., St.-Cu. and Nb.; 10 minutes'
—	2	SWly	5	41·2	—	rain (drizzle). Wind falling light. 7 h.: Rain (drizzle during watch). Forenoon: Occasional drizzle during watch. After-
—	2	Confused SWly	5	39·7	—	noon: Drizzle off and on and settled down at 15 h., with slight fog. Dogs: Rain, drizzle to slight. Gradual increase of wind
—	3	Confused SWly	4	37·0	—	all watch till 19 h. Wind shifted NNE to NW 3 at 23.15.
NE	2	SW	2	37·0	—	Fine steady rain.
—	—	NNWly	2	36·0	—	4 h.: Four hours d. Slow moving low St. seen overhead at
S	4	Sly	3	34·5	430	intervals. Breeze 3 up till 2 h. 6 h.: Drizzle. Fog 2. Wind freshening W by S. 6.45 h.: Wind commenced to back fast
Sly	4	Confused Sly	4	35·2	—	and strengthened. Fog lifted. Drizzle stopped by 7.30. Wind SWly, force 5. Forenoon: Wind gradually veering.
SW	4	SWly	4	31·9	—	At 8.30 sky broke and sun came out. Afternoon: Occasional snow flurries. Very fine snow. 21 h.: Passing heavy Cu. Ap-
SW	5	SW	4	32·5	—	parent snow squalls in distance. Wind squally, increasing slightly to 23 h.
—	—	—	—	—	—	
SW	6	SW	5	32·0	—	
Sly	4	SWly	5	29·8	—	2 h.: Snow squalls. Small fine snow with little wind. While
S	5	Sly	4	30·6	454	under bank of Cu.-St. wind force 7. At 2.30 breeze moderated to force 5 and backed two points to S. Afternoon: Wind
S	5	S	4	31·5	—	gradually veered till SSW at 14 h. Slight snow for about half an hour at 15 h. 20 h.: Two icebergs on port beam about 10
S	4	S	4	30·7	—	miles off. Wind hauling slowly. Clouded over at sunset. Passing light snow squalls.
SSW	4	S	4	29·5	—	
SW	3	SW	2	29·5	—	
SWly	3	—	0	30·1	—	2 h.: Slight S wind with heavy snow astern. 4 h.: Two icebergs.
—	2	—	0	30·5	—	7 h.: Entered oose pack. 8 h.: Snow flurry for 15 minutes. Afternoon: Passing through loose pack.
SW	2	—	0	30·5	—	
SWly	2	—	0	29·9	—	
W	2	—	0	29·5	—	20 h.: Passing through loose pack.
—	0	—	0	29·0	—	
—	0	—	0	29·5	—	5.30: Pack loose, but stronger than yesterday.
—	0	—	0	29·2	455	8 h.: In pack.
—	0	—	0	—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.		° ′	° ′			Inches.	° F.	° F.					
10	16	—		—	—	—	—	—	—	—	—	—	—
,,	20	66 50 (22·12)	178 51	ENE	1–2	29·70	32·5	30·8	A.-St.	St.	9	c.	—
,,	24	—		ENE	2	29·71	26·5	—	A.-St.	St.	9	c.	—
11	4	In pack		NNE	2	29·70	27·6	27·5	A.-St.	St.	10	o.c.	—
,,	8.30	—		N	4	29·59	—	28·5	—	Nb.	10	2s.	—
,,	12	66 55	178 51	NNW	4–5	29·52	—	32·8	—	Nb.	10	q.3s.	—
,,	16	—		NW	4–5	29·43	34·2	33·9	—	St.	10	o.c.2½s.	—
,,	20	—		WNW	4	29·46	31·0	31·0	—	St.	10	o.c.f.	—
,,	24	—		WNW	5–4	29·47	30·0	30·0	—	St.	10	o.m.	—
12	4	—		N	4	29·50	28·5	28·5	—	—	—	f.	2–3
,,	8	In pack		NW	3	29·51	32·8	32·5	—	St.	10	o.c.	—
,,	12	67 5	178 22	NW	3	29·51	35·0	34·0	St.-Cu.	St.	10	o.c.	—
,,	16	—		NW	3	29·54	33·5	32·8	—	St.	10	o.	—
,,	20	—		NW	3–4	29·57	31·8	31·5	—	St.	10	o.f.	1
,,	24	—		NW	—	29·58	31·0	30·0	—	St.	10	o.s.	2–3
13	4.30	In pack		NW	2	29·63	31·0	31·0	A.-St.	St.	10	o.c.	—
,,	9	67 30 (9·30)	177 58	WNW	2	29·63	33·0	31·8	A.-St.	St.	10	o.c.	—
,,	12	—		W	2	29·62	32·8	31·0	St., Ci.-Cu.	St.	7	b.e.	—
,,	20	—		N	0–1	29·56	31·2 (21·	31·0 30h.)	—	St.-Nb.	—	o.e.3r.	—
,,	24	—		S	1–0	29·51	32·0	32·0	—	St.	10	o.1r.	—
14	4	In pack		Calm	0	29·48	30·6	30·0	A.-St.	St.	10	c.o.	—
,,	8.30	—		WSW	2	29·45	29·8	29·0	—	St.-Cu.	5	b.c.	—
,,	12	67 28	177 59	WSW	1	29·46	35·0	32·9	—	St.-Cu.	9	b.c.	—
,,	20	—		WSW	1	29·51	29·8	29·0	—	St.-Cu.	9	c.	—
,,	24	—		WNW	3–1	29·59	25·5	24·5	Ci.-St., Ci.-Cu.	St.	3	b.e.	—
15	4	In pack		SW	2–3	29·65	27·5	—	Ci.-St.	St.	6	c.b	—
,,	8	—		S	3	29·73	25·8	24·5	A.-St., A.-Cu.	St.-Cu., St.	9	e.	—
,,	12	67 23	177 59	WSW	3	29·77	26·8	25·2	A.-St.	St.-Cu.	10	e	—
,,	16	—		SW	2–3	29·82	27·8	25·8	A.-St.	St.-Cu.	10	o.e.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	
—	0	—	0	29·2	—	20 h.: In pack.
—	0	—	0	28·5	—	Midnight: In heavy pack. Overcast. Sun shining on horizon.
—	0		0	28·8		2.30: Unable to proceed owing to heavy pack. 4 h.: Overcast. Dark St. on horizon from N to WSW. 6.30: Commenced snow (moderate) and wind increased. Forenoon: Soft snow and rain mixed. Noon: Wind increasing slightly. Afternoon: Moderate soft snow till 14.30, then ceased and lightened up. 15.50: Light fog came down.
—	0	—	0	—	—	
—	0	—	0	—	—	
—	0	—	0	29·4	455 but deeper blue	
—	0	—	0	—	—	
—	0	—	0	28·5	—	Midnight: Overcast and misty.
—	—	—	—	29·0	—	Middle watch: Mist of first watch changed to drier fog. Considerable motion in ice, and ship drifting to SW. Sun visible through fog for 2 minutes at 3.45. Morning: No fog, though dull. Afternoon: Fog 2 settled down at 13.30. Dogs: Fog off and on most of the watch. 20.30: Drizzle of rain sometimes changing to snow. Snow at frequent intervals 20 h.–24 h.
—	—	—	—	29·4	455 but deeper blue	
—	—	—	—	30·2	—	
—	—	—	—	29·5	—	
—	—	—	—	29·2	—	
—	—	—	—	29·0	—	
—	—	—	—	29·7	—	4.30: Very slight snow for five minutes. 5.45: Light snow falling, ceased at 6.20.
—	—	very slight swell		30·0	—	
—	—	very slight swell		—	—	Afternoon: Commenced to snow at 15 h., soft moderate. Snow ceased at 18 h.
—	—	—	—	—	—	Light drizzle to 22 h., then cleared. Sky heavily overcast, except S and SE, where lighter.
—	—	slight		—	—	
—	—	—	—	29·2		4 h.: Clear atmosphere, with horizon visible. Sun nearly clearing. St. at times. Pack ice continually moving to noticeable extent.
—	—	very slight		29·2	—	Afternoon: A slight swell setting in, which lasted until about 18 h. 19 h.: No motion in clouds.
—	—	—	—	—	—	
—	—	—	—	—	—	Very light snow 20 h. to 22 h. Sky cleared at 23 h., except on S.E. horizon.
—	—	slight		—	—	
—	—	—	—	—	—	4 h.: Floes on the move slightly. Scud from S moving over fast. Clear sky till 2.30.
—	—	Very slight		—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	18 h.: Dropped calm.

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.		° ′	° ′			Inches.	° F.	° F.					
15	20		—	Calm	0	29·86	29·0	27·0	A.-St.	St.-Cu.	10	o.c.	—
,,	24		—	E	1–2	29·88	26·5	25·5	—	St.	10	o.	—
16	4		—	ENE	2	29·84	27·0	26·1	—	St.	10	o.s.	—
,,	9	In pack		NE	4	29·75	29·8	28·8	—	St., Nb.	10	o.4s.	—
,,	12	67 23	177 59	NE	4–5	29·62	30·5	30·5	—	St., Nb.	10	0.4s.	—
,,	16		—	NNE	3	29·49	32·8	32·8	—	St., Nb.	10	o.4sr.	—
,,	20		—	NW	3	29·42	32·0	32·0	—	St.	10	o.f.	3
,,	24		—	WNW	3	29·32	32·5	32·5	—	St.	10	o.3r.	3
17	4	In pack		WSW	4	29·23	32·5	32·2	—	St.	10	d.f.	2–3
,,	9		—	WNW	3–4	29·17	33·5	33·0	—	St.	10	o.e.4d.	—
,,	12	67 24	177 34	WNW	3–4	29·13	34·8	34·8	—	St.	10	o.m.	—
,,	16		—	SW	4	29·11	31·5	31·5	—	St.	10	o.c.	—
,,	20		—	SSW	2–3	29·25	29·0	27·8	—	St., Nb.	10	o.c.	—
,,	24		—	S	3–2	29·34	28·0	27·5	—	St.	10	o.	—
18	4	In pack		S	1	29·38	28·0	27·6	—	St.	10	o.	—
,,	8.30	67 24	177 34	NW	1	29·39	29·0	28·8	—	St.-Nb.	10	o.	—
,,	12		—	NW	1–2	29·39	31·8	31·5	—	St.-Nb.	10	o.½d.1s.	—
,,	16		—	WNW	1	29·36	31·8	31·5	—	St.-Nb.	10	o.	—
,,	20		—	WNW	0–1	29·33	30·5	30·5	—	St.-Nb.	10	o.	—
,,	24		—	SW	2–1	29·35	30·0	29·5	—	St.-Cu.	9	—	—
19	4	In pack		SW	1–2	29·37	33·0	30·5	—	Cu.	8	—	—
,,	9		—	Calm	0	29·36	32·0	31·5	—	Det. Cu., St.	2	b.	—
,,	12	67 54	178 30	Calm	0	29·35	30·5	28·8	—	Cu.-St., St.	8	c.	—
,,	16		—	SE	0–1	29·33	24·2	23·6	A.-St.	St.	10	o.c.	—
,,	20		—	SE	0–1	29·31	25·0	24·5	—	Cu.-St., St.	10	o.c.	—
,,	24		—	Var.	1	29·35	20·5	20·0	A.-Cu.	Cu., St.	5	c.	—
20	4	In pack		W	Lt. Airs	29·36	25·0	23·4	—	St.	10	o.	—
,,	9		—	SW	2	29·39	24·0	22·5	—	St.	10	o.c.2½f.	—
,,	12	68 40	179 28	WSW	2	29·37	33·5	31·5	—	St.	2	b.	—
,,	16		—	W	4	29·39	30·5	30·0	—	A.-St.	2	b.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	
—	—	?	2	—	—	Considerable movement in pack.
—	—	Slight Nly	—	29·0	—	4 h.: Dull and overcast. Slight snow commencing. 3.40: Atmosphere clear. Dark snow-line N to SW. Morning, 8 h.: Wind NNE, 3. Snow moderate. Slight snow. Forenoon: Snow soft and moderate. Noon: Wind increasing gradually. Afternoon: Snow moderate to heavy, becoming very soft and turning into rain (moderate) by 14 h. 14 h.: Wind dropped to 2. 15 h.: Rain slight. Dogs: Wind backing slowly all the watch. Midnight: Wind dropped and weather cleared. 10 h. to 11 h.: Afterwards increased, with rain.
—	—	—	—	30·0	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	29·2	—	
—	—	—	—	—	—	
—	—	—	—	27·3	—	4 h.: Wind steady in direction with fine drizzle on and off. Fog clearing occasionally for short periods. 5 h.: Wind. 5.10: Commenced sleeting. 6 h.: Wind to SW, weather f. 1, wind fell to 3 at 6.20. 7 h.: Sleeting intermittently. Drizzle on and off during forenoon. Noon: Very fine snow commenced and continued intermittently during afternoon till 14.30, although sun managed to show through clouds most of the time. Wind gradually backing. Dogs: Slight swell causing movement in pack.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	29·0	—	
—	—	Light N and S	—	29·1	—	4 h.: Very slight snow from 3.30. Ice conditions as before, but pack very open all round, there being leads in all directions and indications of clear water. Iceberg near ship drifting W to SW. 8.30: Commencing to drizzle, which became light snow at 9 h. and ceased entirely about 10 h. 16.40: Commenced to snow heavily. 17.15: Ceased snowing. Dogs: Snow showers about. 20–21 h.: Heavy snow showers.
—	—	—	—	29·8	—	
—	—	—	—	—	—	
—	—	—	—	29·5	—	
—	—	—	—	29·2	—	
—	—	—	—	—	—	
—	—	—	—	29·6	—	In pack. Morning: Light SSWly breeze. St. and St.-Cu., amount 3.
—	—	—	—	30·0	—	
—	—	—	—	31·8	—	Fog bank 11 h. to 11.20 h.
—	—	—	—	29·8	—	
—	—	—	—	29·8	—	
—	—	—	—	29·5	—	
—	—	—	—	28·8	—	Morning: Wind Sly. 5.30: Fog 1 increasing at times to 3 and not clearing off till 8 h. Cu.-St. (10). Sun generally showing through clouds. 10.30: Clouds dispersed, sun shining.
—	—	—	—	29·2	—	
—	—	—	—	30·0	—	
—	—	—	—	—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.		° ′	° ′			Inches.	° F.	° F.					
20	20	—		W	5-6	29·41	27·0	26·2	—	A.-St.	1	b.	—
,,	24	—		NW	6–5	29·41	23·5	23·0	Ci.-Cu.	St.	3	b.c.	—
21	4	In pack		W	5	29·38	27·3	27·0	A.-St.	St.	10	o.c.	—
,,	9	—		SSW	5	29·40	29·0	27·2	—	Cu.-St.	10	o.c.	—
,,	12·45	68 35	179 11	SSW	4	29·40	30·5	29·5	—	Cu.-St.	5	o.c.	—
,,	16	—		S	5	29·45	32·2	29·8	—	St., St.-Cu.	10	o.c.	—
,,	20	—		WSW	4	29·44	27·8	27·8	—	—	0	b.	—
,,	24	—		SW	5	29·44	26·0	25·0	—	—	0	b.	—
22	4	In pack		SW	4–5	29·43	27·1	26·0	—	—	0	b.	—
,,	9	—		SW	4–5	29·44	27·5	27·0	—	St.-Cu.	6	b.c.	—
,,	12	68 26	179 8	SW	4–5	29·45	29·0	27·8	—	St.-Cu.	2	b.	—
,,	16	—		W	4–5	29·46	29·0	27·8	—	Cu.-St.	1	b.	—
,,	20	—		W	3	29·45	27·5	27·5	—	St.-Cu.	—	c.	—
,,	24	—		SW	5	29·46	26·5	26·0	—	St.	10	o.c.	—
23	4	In pack		WSW	4	29·47	24·0	22·9	—	St.	10	o.c.	—
,,	9	—		WSW	3	29·49	26·5	25·5	—	St.	10	o.c.	—
,,	12	68 34	179 3	WSW	4	29·52	28·8	28·0	—	St.	10	o.c.	—
,,	16	—		WSW	3–4	29·45	28·8	28·0	—	St.-Cu.	10	o.c.	—
,,	20	—		WSW	3	29·45	28·8	28·2	—	St.-Cu.	10	o.c.	—
,,	24	—		WNW	3	29·40	29·2	—	—	St.-Cu.	10	o.c.	—
24	9	In pack		W	2	29·37	28·2	27·2	—	St.	10	o.c.	—
,,	12	69 1	178 29	WSW	1–2	29·39	30·0	28·8	A.-St.	St.-Cu.	10	o.c.	—
,,	16	—		W	1–2	29·42	32·5	31·0	A.-St.	St.,Cu.	3	b.c.	—
,,	20	—		Calm	0	29·43	30·0	30·0	A.-St.	St.-Cu., Cu.	9	o.c.	—
,,	24	—		S	2–1	29·46	28·0	27·5	—	St.	10	o.	—
25	4	In pack		Calm	0	29·45	26·9	26·0	A.-St.	St.	9	o.c.	—
,,	9	—		NE	4	29·44	27·8	26·2	—	St.	10	o.c.	—
,,	12	69 5	178 30	ENE	2–3	29·43	28·5	27·5	—	St.-Nb.	10	o.c.	—
,,	16	—		E	4	29·40	28·5	28·0	—	Nb.	10	o.m.	—
,,	22	—		E	3	29·37	28·5	28·5	—	Nb.	10	o.m.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	
—	—	—	—	28·5	—	High clouds travelling from S to N; low scud travelling fast ENE.
—	—	—	—	28·8	—	2.30: Sky almost clear. Bank of A.-St. rising to SW. Scud moving from W with wind. 2.45: Wind shifted to SW. Fresh breeze. 4 h.: Sky became overcast with A.-St. and St. 4.30: Snow squall lasting 10 minutes (fine and powdery).
—	—	—	—	29·8	—	
—	—	—	—	30·0	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	29·5	—	20 h. 45 m.: Wind dropped calm. Sky cleared, St.-Cu. (2) and wind dropped 21 h. to 22.30 h.
—	—	—	—	28·5	—	
—	—	—	—	29·1	—	2.45: Breeze from WSW fell to force 2. 3 h.: Breeze came away from SSW, 4. 9 h.: Clouds and sky dark on NE horizon.
—	—	—	—	29·5	—	
—	—	—	—	29·0	—	
—	—	—	—	29·5	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	28·8	—	
—	—	—	—	—	—	
—	—	—	—	30·5	—	17 h.: Sky clouded over, and cleared at 18 h., when wind dropped.
—	—	—	—	—	—	
—	—	—	—	28·8	—	
—	—	—	—	29·2	—	2 h.: SE airs fell to calm. Small quantity of blue sky to S.E.
—	—	—	—	29·8	—	4 h.: Blue sky and A.-St. low on horizon. St. overhead.
—	—	—	—	—	—	
—	—	—	—	30·0	—	16 h.: Very slight snow all afternoon. 17.30: Snow commenced to fall more heavily.
—	—	—	—	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.		° ′	° ′			Inches.	F.	° F.					
25	24	—		E	3	29·34	29·0	29·0	—	Nb.	10	s.	2
26	4	In pack		NE	3	29·33	30·0	29·9			—	4f.	2
,,	9	—		ENE	2	29·32	32·5	32·5	—	Nb.	10	o.	—
,,	12	69 9	178 13	ENE	2	29·32	32·8	32·8	—	St.	10	o.c.	—
,,	16	—		ENE	4	29·31	32·0	32·0	—	St.	10	o.c.	—
,,	20	—		ESE	3	29·31	32·0	32·0		St.	10	o.c.	—
,,	24	—		E	5 6	29·31	31·0	31·0	—	St.	10	o.	—
27	4	In pack		SE	6	29·31	30·0	30·0			10	o.s.f.	1
,,	9	—		SE	5	29·35	30·0	30·0	—	Nb.	10	o.s.	—
,,	12	—		SSE	6	29·38	30·2	30·2	—	Nb.	10	o.4s.	—
,,	16	—		SSE	6	29·38	30·2	30·2	—	St.	10	o.c.	—
,,	20	—		SSE	6	29·42	29·2	29·0	—	St.	10	o.c.	—
,,	24	—		SE	5	29·46	29·0	29·0	—	St.-Cu.	9	o.c.	—
28	4	In pack		SE	4	29·48	27·9	27·2	A.-St., Ci.	—	3	b.c.	—
,,	9	—		ESE	3–4	29·52	27·8	26·1	A.-St., Ci.-St.	—	2	b.c.	—
,,	12	69 17	179 42	ESE	2–3	29·51	29·9	28·8	A.-St., Ci.-St.	—	2	b.c.	—
,,	17.45	—		ENE	2	29·49	28·8	27·8	A.-St.	—	1	b.	—
,,	20	—		ENE	2	29·46	28·0	27·8	—	St.-Cu.	1	b.	—
,,	24	—		N	3	29·45	26·5	26·5	—	St.	10	o.s.	—
29	4	In pack		NNE	—	29·35	27·6	—	—	—	—	o.	—
,,	9	—		ENE	3	29·26	29·8	29·8	—	Nb.	10	o.e.f.	1
,,	12	70 1	E. 179 34	NE	3	29·21	30·0	—	—	Nb.	10	o.s.f.	1
,,	16	—		NE	3–4	29·07	29·8	29·8	—	Nb.	10	o.2s.3f.	1–2
,,	20	—		ENE	5	28·91	29·8	29·8	—	Nb.	10	o.4s.4f.	2
,,	24	—		N	4	28·95	31·0	30·5	—	St.	10	o.2s.2f.	2
30	4			NNE	4	28·82	31·3	31·0	—	St.	10	m.o.f.	2
,,	8	—		NNE	3	28·80	33·0	33·0	—	St.	10	o.f.	1
,,	12	72 17	177 9	NNW	2	28·78	31·2	31·2	—	Nb.	10	o.4s.f.	2
,,	16	—		S	4	28·76	31·5	31·5	—	Nb.	10	o.4s.4f.	3
,,	20	—		SSW	4	28·77	30·2	30·2	—	Nb.	10	o.4s.4f.	3
,,	24	—		SSE	5	28·77	31·5	31·0	—	St.	10	o.2s.2f.	3

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	28·7	—	Midnight : Continuous light snow.
—	—	—	—	29·0	—	4 h. : Snow passing showers from time to time. 4.30 : Snow changed to drizzle, which continued off and on till 10 h., then stopped. Noon : Wind varying about 2 points about NNE.
—	—	—	—	29·2	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	30·0	—	Passing snow showers, 20 h. to 22 h.
—	—	—	—	—	—	Wind gusty and shifting to ENE.
—	—	—	Slight	28·8	—	4 h. : Wind increasing from eastward. Snow intermittently. Morning : Wind E by N increasing ; frequent snow squalls. Forenoon : Slight continual snow, increasing at times to moderate. Afternoon : Slight continual snow till 13.30. Wind commenced to back immediately after noon, at 13 h. E by N.
—	—	—	Slight	29·8	—	
—	—	—	Slight	29·5	—	
—	—	—	Slight	—	—	
—	—	—	Slight	—	—	
—	—	—	—	—	—	
—	—	—	—	28·7	—	1.30 : Wind fell to force 4. Scud from ; E. A.-St. from ENE. 4 h. : Ci. to NW, " mackerel backs " to W. Clear and sunshine for four hours. Morning : Wind ENE 4, Ci. clouds (3), St. to W (3). 11 h. : Slight halo round sun, but only just discernible over Ci.-St. clouds. 13 h. : Halo a little more distinct, approximately 21° 29′ radius, showing faint red, yellow, white (from inner edge out) on portion immediately above sun. 18 h. A.-St. clouds very low on horizon only. 20.30 : Clouded over rapidly from N.E. (true) ; by 21 h. St.-Cu. (9). 23.45 : Slight snow.
—	—	—	—	30·1	—	
—	—	—	—	—	478	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	29·0	—	
—	—	—	—	—	—	2.45 : Fog 2 came over, lasting for about an hour, and thinning off towards 4 h. Glazed frost appeared on whiskers of ropes and rigging. Morning : Overcast, Fog 1 all watch. Noon : Very slight snow. 14 h. : Commenced snowing (slight to moderate), which continued during afternoon. Fog during most of afternoon, clearing at times. Dogs : Snow moderate to heavy. Snow till 22 h. Wind shifting slowly ENE to NW.
—	—	—	—	29·2	—	
—	—	—	—	30·0	—	
—	—	—	—	29·8	—	
—	—	—	—	29·9	—	
—	—	—	—	—	—	
NW	3	ESE	3	—	—	1 h. : Cleared pack ice. Slight ESEly swell. Fog cleared at 2.30. Morning : St. clouds (10). Swell from E (true). Misty. Strong ice blinks to N and NE (true). Forenoon : Snow slight to moderate, melting as it falls all watch. Fog (1–3) from 10 h. Afternoon : Calm from 13 to 14 h. when a light SE wind commenced. At 15.30 suddenly ran into wind SE by E, force 4, there being a clear line of waves (sea-horses) showing the wind ahead before the ship felt it. 20 h. to 24 h. : Wind and sea increased slightly. Snow very slight to moderate. Flakes melting as they fall. From 12 to 15 h. : Sun was trying to come out and showing dimly. Dogs, 16.30 : Wind increased to force 5, sea and swell increasing.
SW	3	Nly	3	—	—	
Confused	—	Confused	3	—	—	
ESE	3	ESE	3	—	—	
ESE	4	ESE	4	—	—	
E by S	5	E by S	5	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1910.													
		° ′	° ′			Inches.	° F.	° F.					
31	4	—		S	6	28·73	30·1	29·7	A.-St.	St.	10	o.m.s.	1
,,	9	72 57 (10.18 h.)	174 55	S	6	28·76	31·0	31·0	—	Nb.	10	4s.4f.	1–3
,,	12	72 52	174 45	S	6	28·76	29·0	29·0	—	Nb.	10	4s.4f.	1–3
,,	16	—		S	6	28·84	29·5	28·0	—	St.-Cu.	10	o.4s.3f.	2
,,	20	—		S	6	28·92	29·9	28·0	—	St.-Cu.	10	o.2s.	—
,,	24	—		SSW	6–4	28–99	28·0	26·5	—	St.	9	o.q.s.	—
January, 1911.													
1	4	—		SSW	3	28·98	28·0	27·3	A.-St.	St.	8	c.b.	—
,,	8	—		WSW	3	28·92	30·5	29·0	—	—	—	—	—
,,	12	73 5	174 11	WSW	3	29·03	32·0	30·9	—	—	—	—	—
,,	16	73 43 (19 h.)	174 10	WNW	2–3	29·01	35·0	33·0	—	—	—	—	—
,,	20	—		SSE	1	29·01	31·0	30·5	—	—	—	—	—
,,	24	—		NNE	2	28·99	30·0	29·0	—	—	—	—	—
2	4	74 25 (4.15)	174 1	Calm	0	28·99	34·0 (Sun	33·2 on screen)	A.-St., Ci.	St.	2	b.	—
,,	9	—		S	1	28·98	33·8	31·5	—	Cu., St.	3	b.c.	—
,,	12	75 10 (13.11)	173 40	S	1	28·97	35·2	32·2	—	Cu., St.	5	b.c.	—
,,	16	—		N	1	28·96	33·2	29·0	—	Cu., St.	5	b.c.	—
,,	20	75 55 (21 h. 30 m.)	172 31	NE	1	28·96	31·5	29·8	—	Cu., St.	5	b.c.	—
,,	24	—		ENE	1	29·00	31·2	28·0	—	Cu., St.	7	b.c.	—
3	4	76 37 (4.30)	171 31	ESE	3	28·98	30·8	29·7	A.-Cu.	Cu., St.	6	c.b.	—
,,	9	77 0 (8.29)	170 35	E	3	29·06	30·5	27·8	—	Cu., St.	9	b.c.	—
,,	12	77 22	169 58	E	3	29·09	31·5	28·2	—	Cu., St.	7	b.c.	—
,,	16	13 h. 30 m. off Cape Crozier		E	3	29·01	32·0	—	—	Cu., St.	5	b.c.	—
,,	20	—		SE	3	29·15	31·6	28·0	—	Cu., St.	—	b.c.	—
,,	24	—		SSE	3	29·16	30·5	27·5	—	Cu., St.	8	b.c.	—
4	4	—		Calm	0	—	—	—	—	—	—	–	—
,,	9	—		Calm	0	29·20	30·2	30·0	Ci.	Cu.	2	b.c.	—
,,	12	Off Cape Evans		WNW	2	29·20	—	—	Ci., Ci.-St.	Cu.	3	b.c.	—
,,	16	—		WNW	2	29·16	31·8	28·8	Ci., Ci.-St.	Cu.	3	b.c.	—
,,	20	—		NNE	1–2	29–09	30·0	27·5	Ci., Ci.-St.	Cu.	4	b.c.	—
,,	24	—		Calm	0	—	—	—	Ci., Ci.-St.	—	3	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
ESE	4	—	—	31·1	—	Passing showers of snow, in which wind increased slightly. Sky broken; when clear, showing A.-St. and scud. Breeze strongest at 2.30 h., showing tendency to take off at 3.40. Morning: Snow slight to moderate and fog (1–3) all watch. 19 h.: Hove to under lee of island of pack ice for shelter. Afternoon: Wind varying from force 6 up to 8 in the squalls. Snow from very slight to heavy. Dogs: Snow at intervals, varying from very slight to moderate. 1st: Snow in squalls. Wind decreasing.
	Partially sheltered by ice			31·2	—	
ESE	3	ESE	3			
	Partially sheltered by ice			32·2	—	
ESE	3	ESE	5			
	Partially sheltered by ice			31·2	—	
ESE	3	ENE	5			
	Partially sheltered by ice			31·2	—	
ESE	3	ESE ENE	5 confused			
ESE	2	NE	4	31·0	—	
SEly	2	E by N	4	30·7	—	4 h.: Wind gradually decreasing all four hours. Sky clearing to W. Coast line mountains remarkably clear after 2 h. 6 h.: Wind freed to S, force 4. Ely swell (6). Sky clearing and wind decreasing. 9 h.: ESEly swell much the greater of the two. Afternoon: Mt. Sabine and other mountains visible 110 miles away till 15 h. when extreme visibility ceased. Wind gradually easing all watch. 16.30: Wind dropped calm. 18.30: Wind sprang up NE, force 1. 22 h.: Wind dropped calm. Slight NWly winds, then calm again.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	ESE	3	31·8	—	4 h.: Calm with occasional light airs from eastwards. Ci.-St. to E. and A.-St. to NW slowly rising.
—	1	ESE	3	32·9	—	Morning: Clear. Light NEly breeze (0–1). St. clouds on horizon. Ely swell (4).
—	1	ESE	3	33·9	—	
—	1	ESE	3	33·6	353	
—	1	Slight	2	34·8	—	
—	1	Slight	2	33·2	—	
Nly	3	—	—	32·9	—	4 h.: Land at 60 miles clearly distinguishable. Breeze unsteady in force. Colour of sea 234 and 240.
NWly	3	—	—	32·8	340	
NWly	3	—	—	32·9	—	
NWly	3	—	—	32·2	—	17 h.: Proceeded for Cape Royds.
N by W	3	—	—	32·5	—	20 h.: Halo. Faint sun.
NNE	1	—	—	—	—	23.10: Iridescent clouds near the sun.
—	—	—	—	—	—	
—	—	—	—	31·2	—	8.30: Secured ship alongside floe off Cape Evans.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1911.		° ′	° ′			Inches.	° F.	° F.					
5	4	—		Calm	0	28·99	27·0	25·7	Ci.	—	1	b.	—
,,	8	—		Calm	0	28·98	32·0	31·5	Ci., Ci.-St.	Cu.	1	b.	—
,,	12	Off Cape Evans		WSW	Airs	28·96	32·8	28·8	Ci., Ci.-St.	Cu.	1	b.	—
,,	20	—		Calm	0	28·94	32·8	29·5	Ci., Ci.-St.	Cu.	1	b.	—
,,	24	—		Calm	0	—	—	—	Ci.	St.	2	b.c.	—
6	4	—		Calm	0	—	—	—	Ci.	—	2	b.c.	
,,	8	—		Calm	0	28·93	30·8	27·5	Ci., Ci.-St.	—	4	b.c.	—
,,	12	Off Cape Evans		Calm	0	28·96	31·4?	29·0	Ci.-Cu., Ci., A.-St.	—	9	b.c.	—
,,	16	—		Calm	0	28·97	—	—	A.-St.	—	8	b.c.	—
,,	20	—		Calm	0	—	—	—	—	—	—	b.c.	—
7	8	—		NNW	1–2	29·10	30·5	28·8	A.-St., Ci.-St.	—	9	b.c.	—
,,	13	Off Cape Evans		Calm	0	29·15	31·8	28·8	A.-St., Ci.-St.	—	6	b.c.	—
,,	17	—		NNW	1–2	29·18	—	—	A.-St., Ci.-St.	—	4	b.c.	—
,,	18	—		NNW	1–2	29·19	37·0	33·0	Ci.-St.	—	—	—	—
,,	21	—		Calm	0	—	34·8	30·9	A.-St., Ci.-St., Ci	—	3	b.c.	—
8	8	Off Cape Evans		Calm	0	29·23	36·5	32·8	—	—	0	b.	—
,,	12	—		Calm	0	29·24	36·0	31·5	A.-St.	—	1	b.	—
,,	16	—		NNW	3	29·23	33·8	31·0	A.-Cu., A.-St.	Cu.	3	b.c.	—
,,	20	—		NNW	3	29·21	30·8	28·2	A.-Cu., A.-St.	Cu.	5	b.c.	—
9	9	Off Cape Evans		W	1–2	29·22	30·9	29·9	A.-St.	Cu.-St.	9	b.c.	—
,,	12	—		W	1	29·23	33·5	—	A.-St.	Cu.-St.	9	b.c.	—
,,	13	—		—	—	—	—	33·0	—	—	—	—	—
,,	16	—		Calm	0	29·23	34·8	—	A.-St., A.-Cu.	Cu.-St.	8	b.c.	—
,,	20	—		E	3	29·23	26·4	25·8	A.-St., A.-Cu.	Cu., Nb.	6	b.c.s.	—
10	8	—		W	1	29·19	29·8	29·8	A.-St.	Cu., Nb.	9	b.c.	—
,,	13	Off Cape Evans		WNW	2	29·22	—	—	—	St., Nb.	10	o.c.	—
,,	17·30	—		WNW	2	29·22	32·9	30·5	—	St., Nb.	10	o c.	—
,,	20	—		WNW	1–2	29·23	31·8	30·0	—	St., Cu., Nb., St.-Cu.	9	o.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	
—	—	—	—	32·0	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	St. round Erebus.
—	—	—	—	—	—	4 h. : Low fog to seaward. Erebus smoke vertical.
—	—	—	—	31·2	—	
—	—	—	—	—	—	
—	—	—	—	—	—	16 h. : Sun shining through.
—	—	—	—	—	—	
S	1	—	—	31·0	—	8 h. : Sun shining through. Cu. on mountains.
—	—	—	—	—	—	Noon : Sun shining through. Cu. on mountains. Wind force 1–2, commenced at 14 h.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	31·4	—	Cu. on mountains 8 h., noon, and 17 h.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	30·4	—	5 h. : A uniform covering of A.-St. rising to A.-Cu. with a little St. below in places. Very little Cu. on mountains. Wind, force 1. 9 h. : Cu. on mountains.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	18 h. to 18.30 : Snow moderate.
—	—	—	—	30·2	—	5 h. : Snow for 1½ hours. 8 h. : Commenced to snow (moderate). Forenoon : Snow intermittently up to moderate and wind increased about 10 h. to force 3., but eased later. Afternoon : Occasional snow showers. 20.30 : Wind to NW, force 1–2. White fog over southern side of Erebus.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1911.		° ′	° ′			Inches.	° F.	° F.					
11	2.30	—		ESE	5	—	22·8	—	—	St.	10	o.c.q.	—
,,	8	—		SE	6	29·28	22·4	22·4	—	Nb.	10	o.c.s.q.	—
,,	12	Off Cape Evans		SE	6	29·29	21·9	21·9	—	Nb.	10	o.c.4sq.	—
,,	17	—		SE	5	29·27	23·0	22·5	A.-Cu.	St.-Cu.	9	o.c.s.q.	—
,,	20	—		SE	3–4	29·25	23·5	22·5	A.-Cu.	St.-Cu.	5	b.c.	—
12	8	Off Cape Evans		SE	1	29·15	23·2	23·2	Ci., A.-St.	—	9	b.c.	—
,,	12	—		Calm	0	29·23	27·0	24·2	Ci., A.-St.	—	9	b.c.	—
,,	17	—		SE	5	29·09	22·2	21·1	A.-St.	Cu.	3	b.c.	—
,,	20	—		SE	5	29·06	24·9	23·5	A.-St.	Cu.	3	b.c.q.	—
13	9	Off Cape Evans		SE	5	29·07	15·3	15·3	Ci., A.-St.	Cu.	2	b.c.	—
,,	14	—		SE	5	29·07	18·5	18·0	A.-St.	Cu.	1	b.c.	—
,,	16	—		SE	5	29·06	18·8	18·6	A.-St.	Cu.	1	b.c.	—
,,	20	—		SE	5	29·08	18·9	18·9	A.-St.	Cu	1	b.c.	—
14	9	Off Cape Evans		ESE	3	29·16	19·9	—	A.-St.	Cu.	9	o c.	—
,,	12	—		SE	2–3	29·16	22·4	21·2	A.-Cu., A.-St.	Cu.	5	b.c.	—
,,	16	—		SE	2	29·20	24·5	21·8	A.-Cu., A.-St.	Cu.	5	b.c.	—
,,	20	—		SE	2	29·18	23·8	22·8	A.-Cu., A.-St.	Cu.	7	b.c.	—
15	9	Off Cape Evans		SE	Light Airs	29·23	26·9	—	A.-St.	Cu.	3	b.	—
,,	12	—		SE	Light Airs	29·25	25·8	24·8	A.-St.	Cu.	3	b.c.	—
,,	16	—		SE	Light Airs	29·27	25·8	25·0	A.-St.	Cu.	3	b.c.	—
,,	20	—		SE	2	29·28	26·2	25·4	A.-St.	Cu.	3	b.c.	—
16	9	Off Cape Evans		NE	1–2	29·34	25·2	22·8	A.-St.	—	1	b.	—
,,	12	—		NE	1	29·36	25·5	23·8	A.-St.	—	1	—	—
,,	16	—		ESE	2	29·35	24·8	22·8	A.-St.	Cu.	4	b.c.	—
,,	20	—		SE	1	29·35	22·0	—	A.-St.	Cu.	6	b.c.	—
17	8	Off Cape Evans		ESE	2	29·33	20·4	20·4	—	Nb.	10	o.s.	—
,,	12	—		ESE	2–3	29·35	15·8	15·8	—	Nb.	10	o.4s.	—
,,	16	—		ESE	4–5	29·33	17·8	17·0	—	Nb.	10	o.4s.	—
,,	20	—		ESE	6	29·31	16·0	16·0	—	Nb., St.-Cu.	8	c.1s.	—
,,	24	—		ESE	3–4	29·33	12·0	—	—	Nb. St.-Cu.	8	—	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	2.30 : Wind been gradually rising in gusts till now, when fairly steady. No snow. 8 h. : Snow moderate to heavy. Noon :
—	1	—	—	29·6	—	Snow moderate to heavy all forenoon. 16.30 : Ceased snowing.
—	1	—	—	—	—	17 h. : Broken to eastward, blue sky showing, weather clearing. Wind easing all dog's watch and first. 23 h. : Wind, force 0–1.
—	1	—	—	—	—	
—	1	—	—	—	—	
—	—	—	—	29·2	—	8 h. : Cu. and St. on mountains.
—	—	—	—	—	—	Afternoon : Cu. and St on mountains. Wind gradually rising in
—	—	—	—	—	—	puffs to force 3, direction N by W. 16 h. : Wind increased to force 5.
—	—	—	—	—	—	
—	1	—	—	29·0	—	9 h. : Cu. on Western Mountains.
—	1	—	—	—	—	14 h. : Cu. on Western Mountains. Erebus free from cloud all
—	1	—	—	—	—	day. Afternoon : Very remarkable bank of cumuli behind
—	1	—	—	—	—	Cape Barnes.
—	1	—	—	30·0	—	
—	1	—	—	—	—	
—	1	—	—	—	—	
—	1	—	—	—	—	Midnight : Wind N by W, force 5–6.
—	—	—	—	30·0	—	Cu. on Western Mountains.
—	—	—	—	—	—	Cu. on Western Mountains.
—	—	—	—	—	—	Cu. on Western Mountains.
—	—	—	—	—	—	Cu. on Western Mountains.
—	—	—	—	31·4	—	9 h. : No Cu. on Western Mountains. 10 h. : Much mirage.
—	—	—	—	—	—	Noon : Very large amount of mirage. Little Cu. on Western
—	—	—	—	—	—	Mountains. 23 h. : Calm with occasional light puffs from S.
—	—	—	—	—	—	A.-Cu., A.-St., Nb., and St.-Cu. Snowing to southward and behind Cape Barnes.
—	—	—	—	30·1	—	Snow moderate all middle watch and morning. Noon : Snow
—	—	—	—	—	—	moderate all forenoon. Snow slight to moderate in afternoon
—	1	—	—	—	—	and in dog watches. 17 h. : Ceased snowing. 21 h. : Wind commenced to decrease in strength. Midnight : A white
—	1	—	—	—	—	smoky fog coming up from beyond Inaccessible Island.
—	—	—	—	—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1911.		° ′	° ′			Inches.	° F.	° F.					
18	8	Off Cape Evans		SE	3	29·28	11·5	11·5	—	Nb., St.-Cu.	9	c.	—
,,	14	—		E	2–3	29·30	19·0	19·0	—	Nb., St.-Cu.	5	b.c.	—
,,	16	—		SE	2	29·27	20·0	19·1	—	Nb.	10	o.3s.	—
,,	20	—		NW	1	29·27	23·0	21·8	—	Nb. St.-Cu.	9	b.c.	—
,,	24	—		Calm	0	—	—	—	—	Nb., St.-Cu.	10	o.2½s.	—
19	8	Off Cape Evans		SE	2–3	29·26	18·5	18·0	—	Nb., St.	9	b.c.s.	—
,,	12	—		SE	2	29·27	20·8	20·0	—	Nb.	10	o.4s.	—
,,	16	—		SE	3–4	29·28	20·8	20·0	A.-St.	Nb., Cu.	6	b.c.2s.	—
,,	20	—		SE	6	29·29	21·8	20·4	A.-St.	Cu.	6	b.c.	—
20	8	Off Cape Evans		ESE	6	29·30	20·8	19·9	A.-St.	Cu.	3	b.c.	—
,,	12	—		ESE	3	29·31	26·2	22·9	A.-St.	Cu.	2	b.c.	—
,,	16	—		ESE	1	29·33	—	—	A.-St.	Cu.	1	b.c.	—
,,	20	—		WNW	2	29·34	—	—	A.-St.	Cu.	1	b.c.	—
21	4	Off Cape Evans		NNW	2	—	—	—	—	—	—	—	—
,,	8	—		NNW	5	29·34	29·2	27·0	A.-St.	—	1	b.c.	—
,,	12	—		NNW	5	29·37	30·0	26·9	A.-St.	—	1	b.c.	—
,,	20	—		E	6	29·53	25·0	22·6	A.-St.	Cu.	5	b.c.	—
22	8	Off Cape Evans		E	2	29·73	23·9	21·5	—	Nb., Cu.	7	b.c.	—
,,	12	—		ESE	3	29·72	24·4	22·2	—	St., Cu.	8	b.c.	—
,,	16	—		NNW	3	29·71	27·2	—	—	Cu.	5	b.c.	—
,,	20	—		NW	3	29·71	27·2	24.3	—	Cu.	5	b.c.	—
,,	24	—		WNW	1	29·68	27.0	—	A,-St.	St.-Cu. Cu.	6	b.c.	—
23	8	Off Cape Evans		E	1–0	29·59	25·1	23·5	A.-St.	St., Cu.	3	b.c.	—
,,	12	—		SSE	1	29·54	29·9	26·0	—	Cu.	3	b.c.	—
,,	16	—		NNW	1	29·44	—	—	—	Cu., St.	1	b.c.	—
,,	20	—		N	2–3	29·42	27·0	23·5	A.-St.	Cu.	1	b.c.	—
,,	24	—		NW	3–4	29·26	26·0	25·0	A.-St.	Cu.	5	b.c.	—
24	4	—		NW	3–2	29·31	26·0	25·5	A.-Cu.	Cu.	3	b.c.	—
,,	8	Off Cape Evans		ESE	2–3	29·25	25·8	24·2	A.-Cu.	Cu.	4	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	1	—	—	31·6	—	1 h.: Wind increasing again. 2 h.: Wind force 6. Middle watch: White smoky fog lifting and settling all watches. 8 h.: Mist round Inaccessible Island and appearing in patches on sea and round detached floes. Noon: Low snow-drift over Hut Point. Ship shifted berth to close with Cape Evans. 14 h.: Thick blackish mist round Cape Barnes. Mists on Western Mountains. Commenced to snow (moderate).
—	1	—	—	—	—	
—	1	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	1	—	—	31·2	—	
—	1	—	—	—	—	Forenoon: Slight snow.
—	—	—	—	—	—	Cu. on Western Mountains Noon and 16 h.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	31·3	—	
—	—	—	—	—	—	2 h.: Blowing with a clear sky.
—	—	—	—	32·5	—	
—	3	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	32·5	—	8 h.: Very slight snow.
—	—	—	—	—	—	15 h.: Wind S, force 3.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	Midnight: Wind steadily decreasing all watch. Little cloud round Western Mountains. Erebus completely covered with clouds.
—	—	—	—	33·5	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	33·2	—	Proceeded to Glacier Tongue.

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1911.		° ′	° ′			Inches.	° F.	° F.					
24	12	Glacier Tongue		SE	Light Airs	29·26	28·5	25·4	—	Cu., St.	8	b.c.	—
,,	20	—		E	2	29·32	21·0	22·5	—	Cu., St.	8	b.c.	—
25	8	—		E	2	29·48	23·0	—	A.-St.	—	1	b.	—
,,	12	Glacier Tongue		ESE	2	29·52	24·8	—	—	Cu.	1	b.	—
,,	20	—		Calm	0	29·49	29·2	26·0	—	Cu.	1	b.	—
26	8	—		N	5	29·25	28·5	26·4	—	—	0	b.	—
,,	12	Glacier Tongue		N	5	29·30	30·5	—	—	—	0	b.	—
,,	20	—		ESE	3	29·35	26·2	23·9	—	—	0	b.	—
27	8	Glacier Tongue		SSE	4–5	29·42	16·2	15·2	A.-St.	St., Cu.	1	b.c.	—
,,	12	—		SE	4	29·44	21·8	19·2	—	St., Cu.	1	b.c.	—
,,	20	16 h.: McMurdo Sound		S	4	29·44	23·0	21·8	A.-St., Ci.-St., A.-Cu.	Cu.-St., Cu.	2	b.c.	—
,,	24	—		ESE	4	29·47	22·8	20·6	A.-St., A.-Cu.	Nb., Cu.-St.	—	—	—
28	4	5.30: Off Cape Royds		ENE	3	29·48	20·6	19·5	Ci.-St., A.-Cu.	Cu.	7	b.c.	—
,,	8	8.30: Proceeded for King Edward Land		SSE	4	29·59	25·5	23·8	A.-Cu.	Cu.	6	b.c.	—
,,	12	—		S	4	29·49	26·0	23·8	Ci.-St., A.-St.	Cu.	7	b.c.	—
,,	16	—		N	3	29·50	25·5	24·3	Ci., A.-Cu.	Cu., Nb.	9	o.c.s.	—
,,	20	—		SSE	1	29·50	23·5	—	Ci.	Cu., Nb.	6	b.c.s.	—
,,	24	21 h. Off Cape Crozier		NNE	Light Airs	29·44	22·0	20·8	Ci.	Cu.-St.	9	b.c.	—
29	4	—		NNE	2	29·49	24·5	22·5	—	Cu.-St.	10	o.	—
,,	8	—		SSE	1	29·52	23·5	22·0	—	Cu.-St., Nb.	10	o.c.s.	—
,,	12	—		ENE	3	29·53	26·0	23·8	—	Cu.-St., Nb.	10	o.c.s.	—
,,	16	78 16 (15.37 h.)	175 55 W.	ENE	3	29·58	25·8	22·9	A.-Cu., A.-St.	Cu.-St.	7	b c.	—
,,	20	78 26 (18.38)	176 46	ESE	3	29·64	23·8	21·5	A.-St.	St., Cu.	2	b.c.	—
,,	24	—		E	4	29·69	18·2	17·0	A.-St.	St.	2	b.c.f.	2
30	4	78 23 (3.23)	179 28	ESE	4	29·69	12·8	12·0	A.-St.	St.	4	b.e.f.s.	4
,,	8	78 24 (7 h.)	178 18	SE	4	29·71	13·5	—	A.-St., A.-Cu.	St.	9	e.	—
,,	12	78 24 (12.10)	176 54	SE	5	29·73	23·0	22·0	A.-St., A.-Cu.	St., Cu.	7	b.c.	—
,,	16	—		SE	5	29·73	20·0	19·0	A.-St., A.-Cu.	St.-Cu., Nb.	10	o.e.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	30·4	—	Cu. on mountains.
—	—	—	—	—	—	16 h : Dry, 29·2; Wet, 26·0.
—	—	—	—	—	—	
—	—	—	—	30·4	—	8 h.: Ship partially sheltered by glacier; real force of wind probably 6.
—	—	—	—	—	—	
—	—	—	—	—	—	Cu. on mountains.
—	—	—	—	32·0	—	9 h.: Proceeded to Butter Point. 13.30: At Butter Point. 18.30: Proceeded for Cape Evans. 22 h.: Started clouding
W	3	W	3	29·5	—	over. Snow squalls to W by S (compass) over Mount Erebus.
NW	3	NW	3	29·5	—	
—	—	—	—	—	—	
WNW	2	—	—	—	—	2.30: Off Cape Evans. 4.30: Considerable amount of Ci.-St. in
N	3	NE	3	32·2	—	striæ appearing to radiate from SSE (magnetic) point of compass. Remainder of clouds principally A.-Cu. 5.30: Off Cape Royds.
—	—		—	31·0	—	Noon: Heavy bank of Cu. to SW. 14.15: Wind shifted to SW, force 4. 16.30: Wind eased to 1–2. Dogs: Occasional few
W	3	W	3	32·4	—	flakes of snow.
—	1	—	—	32·4	—	20 h.: Very light snow. 22 h.: Clouding over. Wind shifted to
—	—	NW	3	31·8	—	SW. Midnight: Slight NWly swell. Sea calm.
—	—	SW	2	—	—	2 h.: Wind shifted SW 2 to N 2. Slight snow flakes falling in morning. 9.15: Wind to NW. Light snowflakes falling
—	—	SW	2	30·8	—	during forenoon. 20 h.: Considerable mirage. 21 h.: Low
NNW	2	NNW	3	30·8	—	smoky fog (2) apparently caused by wind off barrier striking warmer water. Temp. fell to 17·0. Rigging covered with
NW	3	NW	3	31·0	—	hoar-frost. Midnight: Fog (2). Observed ice crystals in the air.
NW	3	NW	3	30·8	—	
NW	4	NW	3	29·2	—	
NNW	4	NNW	2	29·5	—	2.30: Fog cleared.
NW	3	—	—	30·0	—	
NW	3	NW	3	29·7	—	
NW	3	—	3	29·5	405	16.10: Commenced snowing (moderate) easing to slight towards end of dog's watch. 20 h.: From 20 h. to 23 h. continuous fall of light snow, apparently drift snow from Barrier.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1911.						Inches.	° F.	° F.					
30	20	78 26	175 22	ESE	5	29·72	20·0	19·2	—	St., Nb.	10	o.c.4s.	—
		(18·46)											
,,	24	—		SE	4–5	29·77	22·0	21·0	—	St.	10	o.c.s.	—
31	4	78 33	173 54	ESE	4	29·76	18·5	17·8	—	St.	10	o.	
		(2·10)											
,,	8	78 32	172 14	ESE	4	29·75	20·1	19·2	A.-Cu., A.-St.	St.	10	o.	—
		(7·12)											
,,	12	78 29	171 6	E	4	29·81	22·2	21·0	A.-Cu., A.-St.	Cu.-St., Cu., St.	10	o.	—
,,	16	78 28	170 53	E	4	29·79	18·9	17·9	A.-St.	—	10	o.	—
		(17·8)											
,,	20	78 17	170 55	ESE	4–5	29·78	22·8	21·8	A.-St., Ci.-St., Ci.	—	4	b.c.	—
		(20·50)											
,,	24	78 13	170 18	E	4	29·74	25·2	22·2	Ci.-St.	—	3	b.c.	—
		(22·47)											
February, 1911.													
1	4	—		E	5	29·70	24·5	22·5	Nb.	—	0	b.	—
,,	8	77 49	168 1	ESE	5–6	29·60	25·5	24·0	A.-St.	—	1	b.c.	—
		(6·50)											
,,	12	77 38	166 17	ESE	5–6	29·53	25·0	23·8	A.-St.	—	1	b.c.	—
,,	16	—		ESE	5–6	29·44	25·0	23·5	A.-St.	—	2	b.c.	—
,,	20	—		SE	6	29·38	23·0	22·0	—	Det. Cu.	3	b.c.	—
,,	24	—		SSE	7–8	29·24	21·0	19·2	—	Cu.-St.	3	b.c.	—
2	4	76 55	161 19	S	6–7	29·10	20·8	—	—	Det. Cu.	½	b.	—
,,	8	76 52	159 5	S	5	29·00	23·0	22·4	A.-Cu.	Det. Cu.	1	b.	—
		(9·18)											
,,	12	76 56	159 0	S	1–2	28·92	—	—	A.-Cu.	Cu., Det. Cu.	2	b.	—
,,	16	77 6	157 54	SE	1	28·86	21·8	19·0	A.-Cu.	Det. Cu.	1	b.	—
		(16·48)											
,,	20	77 9	158 28	S	2	28·78	16·9	—	A.-Cu.	St. det. St.-Cu.	1	b.	—
		(20·6)											
,,	24	—		ESE	3	28·80	10·0	9·5	—	—	3	b.c.m.	—
3	4	—		Var.	0–3	28·80	10·5	10·0	—	St.-Cu.	9	o.f.	2
,,	8	—		SE	7	28·80	—	6·2	—	Nb.	10	o.f.	3
,,	12	—		SE	7	28·80	—	7·5	—	Nb.	10	o.f.	3
,,	16	78 18	162 22	SE	6	28·79	—	12·8	—	Nb.	10	o.2s.f.	3
		(17·27)											
,,	20	78 23	163 21	S	3–4	28·80	—	11·0	Ci.-St., A.-St.	St.	4	b.c.	—
		(20·28)											
,,	24	78 36	163 47	S	2–3	28·98	17·9	—	—	—	—	—	—
		(23·45)											
4	4	—		WNW	3	28·91	19·0	18·5	—	St.	9	c.	—
,,	9.30	—		WNW	2	28·97	25·0	24·5	—	St.-Cu.	9	b.c.	1

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	4	NW to NW of N	4	29·0	—	
Confused	4	NW	5	30·8	—	
NNW	4	NW	3	—	—	Uniform St. gradually getting lighter. 8 h. : Sun shining through clouds. Morning : Sun shining through clouds and very small portion of blue sky appearing. 15.40 : Halo round sun ; 22°, not very light, colours from in to out, red, yellow, bluish white. 16 h. : In Discovery Bay. Low Cu. on horizon over Barrier to northward. Sun shining through clouds.
NNW	4	NW	3	—	—	
NNW	4	NNW	3	—	—	
—	2	—	2	—	—	
NNW	4	Cross NWlyN	4	—	405	
NNW.	4	NNW	4	—	—	
NNW	4	NNW	2	—	—	Steady uniform breeze, slightly freshening.
N by W	4	N by E	5	—	—	Low band of St. on SW horizon. Clear bright weather.
N by E	5	N by E	5	—	—	
N by E	5	N by E	5	—	—	
NNE	6–7	NNE	4	29·0	—	
NE	6	NE	5	29·8	—	
ENE	6	NEly	4	—	—	3.30 : Wind veered to ENE. 4 h. : Cu. low on horizon.
ENE	4	NWly	4	29·5	—	10 h. : Wind eased force 3–4.
—	—	E by S	3	30·2	405	17.30 : Considerable mirage.
—	1	—	—	29·2	452	
—	1	E	3	29·5	(17.30) 453	
NNE	2	SE by E	4	28·5	—	
—	—	—	—	29·0	—	Wind sprang up from NNE at 23.15. Mist rising from sea. Heavy mirage. Wind varying from NW to SSE and from calm to force 3.
NE	5	NE	5	28·5	—	Steamy fog of considerable density in places. 5 h. : Wind E by N, force 5, rising to 6–7 by 6 h. Low fog (2) caused by the cold
NE	5	—	—	—	—	wind off Barrier striking the water. 13 h. : Wind eased to force 6. 14 to 16 : Snow moderate. Sun shining through. 17.30 : 22°
NE	3	—	—	29·5	—	Mock sun to right of sun, the only part of halo showing red, yellow, green, purple, and white. Altitude of sun 14° 40′.
NE	2	—	—	29·8	—	18 h. : Sky clearing rapidly diselosing Ci.-Cu. and Ci.-St. above. Wind eased to 5, but stronger in gusts. Between 22 and 23 h. :
—	—	—	—	—	—	Snow squall passed ahead of ship.
—	—	S	2	—	—	4 h : Fast to sea-ice in Bay of Whales.
—	—	S	2	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time,		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1911.		° ′	° ′			Inches.	° F.	° F.					
4	12	Bay of Whales		WNW	2	29·00	20·8	20·5	—	St.-Cu.	9	b.c.	—
,,	16	—		WNW	1–2	29·00	19·5	18·5	—	St., St.-Cu.	8	b.c.	—
,,	20	—		NNW	2–3	28·96	24·5	23·5	—	St., St.-Cu.	—	—	—
5	4	—		WSW	3	28·93	15·5	15·5	—	St.	10	o.	—
,,	8	78 15 (9.22)	170 42	SSW	2–3	28·87	17·5	17·5	—	St., St.-Cu.	10	o.	—
,,	12	78 12 (13.30)	171 50	SSW	1	28·86	21·0	—	—	St., St.-Cu.	10	o.	—
,,	16	—		WSW	—	28·84	23·2	22·8	—	St., St.-Cu.	10	o.	—
,,	20	—		WNW	2	28·81	26·0	24·9	—	St., St.-Cu.	10	o.	—
,,	24	—		NW	3–4	28·78	29·0	28·0	Ci.-St., Cu.	Cu.-St., Cu.	8	b.c.m.	—
6	4	—		NW	4	28·78	28·8	28·2	—	Cu.-St.	10	o.c.sq.m.	—
,,	8	—		NNE	—	28·82	29·0	28·5	—	Cu.-St.	10	o.c.s.b.	—
,,	12	77 52	172 4	NW	2–3	28·84	29·9	—	—	St.-Cu., Cu.	9	o.c.	—
,,	16	—		E	1–2	28·87	31·5	29·0	—	St.-Cu., Cu.	10	o.c.	—
,,	20	—		S	1–2	28·88	29·0	29·0	—	St., St.-Cu.	10	o.c.r.	—
,,	24	—		SSW	4	28·92	28·0	27·8	Ci.-St.	St., Nb.	9	o.c.m	—
7	4	—		SSW	5	28·93	28·5	28·0	—	St.	10	o	—
,,	8	—		SSW	5–6	28·94	25·9	25·5	—	St.-Cu., Nb.	10	o.s.	—
,,	12	—		SSW	6	29·00	25·0	24·5	—	St.-Cu.	10	o.c.	—
,,	16	77 17 (17.19)	E. 174 32	SSW	5–6	28·93	22·5	22·5	—	St.-Cu.	10	o.c.	—
,,	20	—		SSW	5	29·02	21·5	—	—	St.-Cu.	10	o.c.	—
,,	24	—		S	5–6	29·08	20·8	20·8	—	St.-Cu.	10	o.c.q.	—
8	4	—		SE	8	29·07	25·0	24·5	—	Ci.-Cu.	2	b.q.	—
,,	8	—		N	2	29·09	32·2	30·5	Ci.	St.-Cu., Cu.	1	b.c.	—
,,	12	Off Cape Bird		S	2	29·09	33·0	31·8	Ci., Ci.-St.	St.-Cu., Cu.	1	b.c.	—
,,	16	—		WNW	2	29·08	33·0	—	Ci , Ci.-St.	St.-Cu., Cu.	1	b.c.	—
9	4	Off Glacier Tongue		SSE	2	29·19	15·0	14·0	A.-St., Ci.	Cu.	1	b.c.	—
,,	9.15	Off Cape Evans (8 h.)		ESE	4	29·24	15·2	—	Ci., Ci.-St. A.-St.	—	3	b.c.	—
,,	21	At Glacier Tongue (Noon)		E	3	29·37	20·8	—	A.-St.	St., Nb.	10	o.c.	—
,,	24	Off Cape Royds		S	3	29·39	24·5	24·2	A.-St.	St., Nb.	8	o.c.s.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	29·5	—	
—	—	—	—	29·5	430	
—	—	SW	3	28·8	—	20 h. : At sea off Barrier.
SE	2	S	2	—	—	
—	2	E	3	29·8	—	8.15 : Stronger gusts of wind off Barrier for about ten minutes. 9 h. : Wind NE, 2. 11 h. : Eased to 1. 18 h. : Wind SSE, force 4. 19.30 : Wind eased to 2. 21 h. : Sky overeast. Light fall of snow. 23.15 : Sky cleared.
—	2	Cross SE SSW	3	30·1	—	
—	2	SE	3	30·0	—	
—	2	SE	3	30·8	430	
S	4	SSE	5	30·1	—	
S	5	S	4	31·0	—	Squalls of light snow from 3 to 4 h.
—	2	S	4	31·8	—	Occasional slight fall of snow during watch.
—	2	SW	4	31·1	—	p.m. : Occasional slight fall of snow during watch. 14.45 : Wind to W, force 1–2, and gradually round to NW. 19.30 : Commenced to drizzle. 20 h. : Very fine.
—	2	SW	4	31·0	—	
—	2	SW	4	31·0	—	
E	4	SW	5	31·8	—	Midnight : Ugly sky, breeze freshening.
E by N	6	E by N	4	31·0	—	Wind increasing gradually.
E by N	5	E by N	—	31·1	—	Snow slight.
E by N	5	E by N	—	31·5	—	
E	5	E	—	31·6	—	
E	5	E	—	31·2	354	17 h. : Clouds breaking and showing low. A.-Cu. above. Lower clouds travelling at great speed before the wind. Locke drawing water to SW (true). Wind gradually backing from 22.30 h. on. Squalls frequent.
NEly, E by N	5	E by N	—	29·8	—	
NE	7	NE	5	30·0	—	Wind shifted two points at 5 h., falling a little and then freshened to force 8. 5 h. : Wind eased to force 4. 7 h. : Wind to SW.
Confused	3	Confused	3	30·2	358	
—	1	SW	2	32·1	—	
—	—	—	—	32·2	453	20 h. : Off Cape Evans. 24 h. : Off Glacier Tongue.
—	—	—	—	—	—	
—	—	—	—	—	—	Great mirage all day.
—	—	—	—	—	—	20 h. : Very little A.-St. 21.30 : Commenced to snow (slight).
—	—	—	—	32·2	—	Midnight : Mirage. Snow (moderate).

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1911.		° ′	° ′			Inches.	° F.	° F.					
10	4	—		SSW	3	29·39	25·0	24·5	—	St., Nb.	10	0.2s.	—
,,	8	—		ENE	3	29·36	25·8	24·5	—	St., Nb.	10	o.2s.	—
,,	12	76 31 (17·58)	166 31	ENE	4	29·36	27·8	27·0	A.-Cu., A.-St.	St., Cu., St.-Cu.	8	o.c.	—
,,	16	76 1	166 47	W	1	29·29	30·1	28·0	—	St.-Cu.	9	o.c.	—
,,	20	—		WNW	3-4	29·30	28·0	27·0	—	Cu., St.-Cu.	—	b.c.	—
,,	24	—		WNW	3	29·29	25·2	24·8	A.-St., Ci.-St., A.-Cu.	Cu., Cu.-St., Nb.	7	b.c.	—
11	4	—		W	3–4	29·28	26·0	25·0	—	St.-Cu.	10	c.	—
,,	8	74 38 (7·48)	168 55	WSW	3–4	29·26	24·8	23·2	A.-St., A.-Cu.	—	8	b.c.	—
,,	12	74 13	169 24	SSW	3	29·27	25·1	23·8	A.-St., A.-Cu.	—	8	b.c.	—
,,	16	—		S	3	29·24	27·9	25·8	A.-Cu., A.-St.	—	9	b.c.	—
,,	20	—		WSW	3	29·20	24·5	—	—	Nb., St.-Cu.	10	o.c.	—
,,	24	—		SSW	3	29·18	25·0	25·0	—	Nb., St.-Cu.	10	o.c.s.	—
12	4	—		SSW	4	29·14	26·5	26·2	—	St., Nb.	10	o.c.s.	—
,,	8	—		SSW	4	29·08	—	26·5	—	St., Nb.	10	0.4s.	—
,,	12	—		WSW	4	29·09	27·4	27·0	—	St.-Cu., Nb.	10	o.c.	—
,,	16	71 54 (14·11)	171 59	SSW	5	29·01	26·0	25·2	—	Nb.	10	o.c	—
,,	20	—		SE	7	29·01	26·8	26·0	—	St.-Cu., Nb.	10	o.c.	—
,,	24	—		S	9	29·02	27·5	—	—	St.-Cu., Nb.	10	o.c.s.	—
13	4	—		S	9	29·00	27·0	27·0	—	St.	10	o.	—
,,	8	—		SE	8	28·96	28·2	27·0	—	St.-Cu.	10	o.c.	—
,,	12	71 13	171 15	S	8	28·97	29·2	28·0	—	St.-Cu., Nb.	10	o.c.s.	—
,,	16	—		S	7	29·01	29·0	27·5	—	St.-Cu.	10	o.c.s.	—
,,	20	—		SSW	8–9	28·98	29·0	27·2	—	St.-Cu. Nb.	10	o.c.q.s.	—
,,	24	—		SSW	8–10	29·01	27·3	26·8	—	St.-Cu., Nb.	10	o.c.q.s.	—
14	4	—		SSW	10	29·09	27·5	26·5	—	St.-Cu.	10	o.c.s.q.	—
,,	8	Hove to,		SSW	9	29·10	28·2	27·5	—	St.-Cu.	10	o.c.q.	—
,,	12	70 4	172 43	SSW	8	29·18	28·5	27·8	A.-Cu.	St.-Cu.	7	b.c.q.	—
,,	16	—		SSW	8	29·18	29·0	27·5	—	Cu., St.-Cu.	7	b.c.q.	—
,,	20	—		S	6–7	29·19	28·0	27·2	Ci.-St., A.-Cu., A.-St.	Cu., St.-Cu.	6	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	Snowing continuously (moderate).
W	3	WNW	3	29·5	—	Snowing continuously (moderate). 11.30 : Ceased snowing.
WNW	3	WNW	3	29·8	—	12.10 : Wind dropped suddenly calm.
—	1	Wly	3	29·8	—	16 h. : Lower clouds from W to SW. Light variable airs all afternoon.
—	—	SE	3	30·1	335	21 h. : Wind set in a steady light breeze. Low scud drifting moderately.
—	—	SE	3	30·0	—	
SE	2	—	—	30·0	—	2.30 : Rays of light and radiating fan-shape from just below the horizon, diametrically opposite the sun. Sun obscured.
SE	2	—	—	29·8	—	
ENE	2	ENE	2	29·6	328	
—	2	NE	3	29·0	—	18.30 : Commenced snowing (very slight).
—	—	NE	3	28·8	—	23 h. : Wind gradually backed to E. Frequent snowfall.
E	3	ENE	3	28·6	—	
E	3	—	—	30·5	—	Snow from 3 to 4 h. Snow all morning, slight to moderate.
ESE	3	ESE	3	30·0	—	10 h. : Swell setting in from NW.
ESE	5	Cross ENE, WNW	4 5	29·9	404	Noon : The WNW swell the greater.
—	—	Cross ENE, WNW	5 5	29·9	—	18.30 : Wind increased to force 6.
NE by E	5	NE by E	7	28·8	—	21.30 : Wind increased to 8, ESE. 23 h. : Wind increased to 9 in squalls.
SE by E	6	ESE	8	28·8	—	SE by E. Very squally. Midnight : Wind increasing and inclined to back.
ESE	7	SE	8	—	—	3 h. to 4 h. : Sky clearing, patches of blue sky showing through scud. Occasional snow flurries in morning. Occasional light snow in forenoon. 9 h. : Wind increasing in force again. Noon : Swell increasing. Slight snow. Height of sea 25 to 28 ft. Afternoon : Snow slight to moderate. Very soft. 16 h. : Weather moderating slightly. Ceased snowing 15.30, but flurries like April showers of thick snow generally, with increase of wind passing over from time to time. 19.30 : Wind shifted to SE and increased to force 8. 20 h. : Wind and sea increasing. Snow squalls more powerful and of greater frequency. Crest of waves increasing. 22 h. : Wind increasing to 10 in squalls. Sea up to 30 ft., but after two or three heavy waves generally quieter for some minutes. 1st watch : Snow moderate. Squalls of force 10 accompanied by snow.
E	7	E	8	28·8	—	
ESE	7	ESE	8	28·9	—	
ESE	7	ESE	8	28·9	405	
SE	Rather confused 8	SE	8	—	—	
SE	8	SE	8	29·2	—	
SE	8	SE	8	—	—	Frequent fierce squalls. Light snow throughout.
SE	8	SE	8	28·8	—	Morning : Frequent squalls. Snow slight to moderate. 10 h. : Sun broke through clouds, and inclined to ease. Sea during first half of forenoon between 25 and 30 ft., occasionally higher, often with ugly fierce head. In latter half of watch inclined to ease. 18 h. to 20 h. : Squalls easing and wind easing. 23 h. : Cu. and St.-Cu. moving very fast. Midnight : Wind SSE. Light rain. Wind veered to S by E.
SE	8	SE	8	—	405	
SE and E	8	SE	8	—	—	
SE	8	SE	8	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
						Inches.	° F.	° F.					
February, 1911.		° ′	° ′										
14	24		—	SSW	6-7	29·19	28·0	27·5	A.-St.	Nb., Cu.-St.	10	o.c.s.	—
15	4		—	S	7–5	29·17	28·5	28·5	Ci., A.-St.	Nb.	3	b.c.s.	—
,,	8	69 45 (7.40)	173 32	S	4–5	29·15	29·0	29·0	Ci., A.-Cu., A.-St.	Cu., St.-Cu.	5	b.c.	—
,,	12	69 41	173 22	S	4–5	29·16	29·0	28·2	Ci.-St., A.-Cu., A.-St.	Cu., St.-Cu.	6	b.c.	—
,,	16		—	S	6–7	29·20	29·0	28·2	—	St.-Cu.	9	b.c.	—
,,	20		—	S	5–6	29·25	27·8	27·0	Ci.-St., A.-Cu.	St.-Cu., Cu.	4	b.c	—
,,	24		—	SE	6–8	29·26	27·5	25·8	Ci.-St., A.-Cu.	St.-Cu., Cu., Nb.	7	b.c.q.s.	—
16	4		—	SE	7	29·29	26·5	26·5	A.-Cu.	St.-Cu.	2	b.c.	—
,,	8	70 8 (7.30)	169 45	SE	6–7	29·30	28·5	28·0	A.-Cu., A.-St.	Cu., St.-Cu.	8	b.c.	—
,,	12	70 28 (13.17)	168 47	SE	6–7	29·35	28·2	26·5	A.-Cu., A.-St.	Cu., St.-Cu.	4	b.c.	—
,,	16		—	SE	7	29·31	28·8	27·5	Ci.-St., A.-Cu., A.-St.	Cu., St.-Cu.	3	b.c.	—
,,	20	20 40 hove to		ESE	7	29·25	27·8	26·8	Ci., Ci.-St., A.-Cu., A.-St.	Cu.	4	b.c.	—
,,	24		—	SE	5–7	29·21	26·8	25·8	Ci., Ci.-St., A.-Cu. A.-St.	Cu., Cu.-St. St.-Cu.	5	b.c.q.	—
17	4	70 48 (2 h.)	168 14	S	3	29·20	24·5	24·0	A.-St.	—	1	b.	—
,,	8	71 0 (6.46)	168 30	SSW	3	29·16	24·0	21·5	A.-Cu., A.-St.	Cu.	2	b.c.	—
,,	12	71 10 (11.34)	168 42	W	3	29·15	27·0	24·0	A.-Cu., A.-St.	Cu.	1	b.c.	—
,,	16	71 24 (16.28)	169 32	ESE	4	29·14	28·5	—	A.-Cu., A.-St.	Cu.	1	b.c.	—
,,	20	In Robertson Bay		SSE	6–7	29·09	24·4	22·0	A.-St., A.-Cu.	Cu.	1	b.c.	—
,,	24		—	SE	4	29·13	24·0	22·0	A.-Cu.	—	0	b.	—
18	8	1.20 h. Off Cape Adare		SW	2	29·16	29·0	—	A.-St., A.-Cu.	St.-Cu.	1	b.c.	—
,,	12	Robertson Bay, Cape Adare		Calm	0	29·23	32·8	26·5	A.-St., A.-Cu.	Cu., St.-Cu.	1	b.c.	—
,,	16		—	Calm	0	29·25	32·0	26·8	A.-Cu., A.-St.	Cu., St.-Cu.	4	b.c.	—
,,	20		—	ENE	Airs	29·30	28·5	26·0	A.-Cu., A.-St.	Cu., St.-Cu.	—	b.c.	—
19	8		—	WNW	Airs	29·36	27·0	—	A.-Cu., A.-St.	St.-Cu., Cu., Nb.	8	b.c.	—
,,	12	Cape Adare		Calm	0	—	—	—	—	—	—	—	—
,,	16		—	WSW	Airs	29·35	29·0	27·6	A.-Cu., A.-St.	Cu.-St., Cu., Nb.	7	b.c.	—
20	8	5 h. proceeded		ENE	3	29·26	27·0	—	A.-Cu., A.-St.	Cu., St.-Cu.	9	b.c.	—
,,	12		—	E	5	29·22	28·0	25·2	—	Cu., St.-Cu.	4	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
Ely and S by E	8	SE	8	—	—	
SE	5	SE	7	—	—	Sky clearing from 2 h. 3.30 : Snow squall, 10 minutes. 8 h. : Cu. moving fast before wind. 9.30 : Snow flurry, others occurring occasionally during forenoon. Afternoon : Snow flurries from time to time, like April showers. Sky quickly clearing of lower clouds and clouding over again generally during afternoon. St.-Cu., Cu., A.-Cu., and A.-St. 20 h. : Frequent snow squalls in which wind increased to 6–7. 23.10 : Snow squall, force about 8, lasted half an hour. Sky cleared by midnight.
SE	5	SE	7	29·5	404	
SE	5	SE	7	30·0	—	
SE	6	SE	7	30·0	—	
SE	7	SE	7	—	—	
E by S	7	ESE	8	29·8	—	
E	6	ESE	8	—	—	4 h. : Clear sky, no squalls or snow.
E by S	6	E by S	7	29·6	—	
E	6	E	7	29·6	403 deeper	
E	6	E	7	30·0	—	
E	7	E	7	29·9	—	23 h. : Nb. and Cu.-St. gathering to N (true).
E	7	E	7	29·8	—	Midnight : Wind squally.
—	—	E	4	—	—	Arch of St. from E then N to NW, 30° high, travelling from NW. Wind dropped and changed E to SE at 2.30.
—	2	E	3	28·8	—	
—	—	—	—	—	—	
—	2	E	3–4	30·4	403 deeper	
—	2	—	2	29·8	—	20 h. : Squally.
—	2	—	2	—	—	A.-Cu. on Western Mountains only.
—	—	—	—	29·0	—	
—	—	—	—	28·9	403 Deeper	
—	—	—	—	—	—	
—	—	—	—	—	—	20 h. : Heavy bank of Cu. on Western Mountains, under it Locke drawing water. Cu. on Western Mountains generally and Nb. south of Cape Adare.
—	—	—	—	29·2	—	8 h. : No snow in the immediate vicinity, but much snow to SW and NW. 9.30 to 12 h. : Snow slight to moderate. Occasional slight snow during afternoon. 16 h. : A suspicion of snow falling.
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	5 h. : Proceeded from Robertson Bay.
NNE	5	NNE	5	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1911.		° ′	° ′			Inches.	° F.	° F.					
20	16	—		ESE	5	29·17	27·4	26·5	—	Nb.	10	o.c.s.	—
,,	20	—		ESE	6	29·09	26·8	25·5	—	—	10	o.c.	—
,,	24	—		ESE	5–7	29·14	27·0	26·2	—	St.-Cu., St., Nb.	10	o.c.q.s.	—
21	4	—		SE	6	29·11	26·5	26·5	—	St.	10	o.s.q.	—
,,	8·30	68 59	168 55	SE	6	29·09	28·0	27·0	—	St., Nb.	10	o.q.f.	1
,,	12	68 41	168 29	SSE	6	29·10	27·5	27·5	—	St., Nb.	10	o.c.s.	—
,,	16	—		SSE	6	29·18	26·5	25·4	—	St.-Cu., Cu.	10	b.c.	—
,,	20	68 40 (20.10)	165 45	SSE	4	29·22	27·2	25·0	A.-St., Ci.	Cu., St.-Cu.	6	b.c.	—
,,	24	—		SE	4–3	29·29	27·5	26·3	Ci.	St.-Cu.	5	b.c.	—
22	4	68 42 (0.45)	165 57	SSE	1	29·26	29·8	29·0	Ci.-St.	Cu., Cu.-St. Nb.	4	b.c.	—
,,	8	—		NW	3	29·24	29·0	26·9	A.-St.	Cu., Cu.-St.	9	b.c.	—
,,	12	69 15 (13.45)	164 24	WSW	4	29·21	28·0	—	—	St.-Cu.	10	o.c.s.f.	—
,,	16	69 23 (16.32)	163 59	SW	2	29·22	26·8	24·5	A.-St., A.-Cu.	St.-Cu., Cu.	7	b.c.	—
,,	20	69 43 (22.50)	163 24	W	2	29·26	22·8	21·2	A.-St., A.-Cu.	St.-Cu., Cu.	3	b.c.	—
23	4	69 43 (6 h.)	163 17	W	1–2	29·35	11·0	10·0	Ci.-St., A.-St.	Cu.-St., St.	4	b.c.	—
,,	8	Proceeded		W	3	29·34	13·8	12·0	Ci.-St., A.-St.	Cu.-St.	3	b.c.	—
,,	12	69 29	162 49	WNW	2–3	29·41	11·8	11·2	Ci.-St., A.-St.	Cu.-St., Cu.	7	b.c.	—
,,	16	69 19 (16.18)	162 14	ENE	1	29·39	22·0	20·1	—	St., Nb.	—	o.c.m.s.	—
,,	20	—		ESE	3	29·35	23·0	22·0	—	St.-Cu., Nb., Cu.	—	o.c.s.	—
,,	24	—		E	4	29·31	26·0	25·0	—	Nb.	10	0.½s.	—
24	4	Hove to		SSE	4–5	29·24	21·0	21·0	—	St., Nb.	10	o.q.4s.	—
,,	8	—		SSE	5–6	29·21	—	21·0	—	St., Nb.	10	o.q.4s.	—
,,	12	—		SE	6	29·22	—	24·5	—	St., Nb.	9	o.q.3s.	—
,,	16	—		SE	5	29·23	—	25·0	—	St., Nb.	10	o.q.4s.	—
,,	20	Hove to		SE	5–6	29·25	—	27·0	—	St.	10	o.4s.	—
,,	24	Hove to		E	4	29·29	28·5	28·0	—	St.	10	o.q.4s.	—
25	4	68 47 (7.18)	159 14	ENE	3–4	29·33	28·0	27·0	—	St.	10	o.e.q.4s.	—
,,	8	10 12. Proceeded		N	2–3	29·34	—	28·0	—	St., Nb.	10	o.c.3s.	—
,,	12	—		N	3	29·38	28·2	27·0	—	St., Nb.	10	c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NE	6	NE	6	28·8	405	16 h. : Snowing slightly during latter half of afternoon. Occasional slight snow during dogs. 22 h. : Wind increased to force 7.
NE	6	NE	7	29·2	—	22.50 : Snow squall lasting 10 minutes. 23.30 : Wind fell to 5 between squalls. Midnight : Sea easing down.
NE	7	NE	7	29·2	—	
NE	6	ENE	6	—	—	4 h. : Light snow throughout, thickening from 3 to 4 h. Morning : Snow slight to moderate. Fog 1–3. Forenoon : Occasional
NE	6	ENE	6	29·0	—	snow flurries, slight to moderate ; no wind in them. Afternoon : Sun showing mistily most of time. Dogs : Weather improving
E	7	E	7	29·0	—	generally.
E	6	E	6	29·5	—	
E	5	E	6	29·5	404	20 h. : Ci. in strips, running in NNW to SSE direction.
E	2	E	4	—	—	
ESE	2	ESE	4	29·2	—	5.30 : Wind to WSW 1.
—	2	ESE, NE Confused	3 3	29·4	—	7.30 : Slight snow for 10 minutes.
SW	4	SW	4	29·4	—	14 h. : Wind gradually veering to S. Higher layer of lower clouds from NW very slowly. Green flash at sunset. Much mirage.
—	2	NE Confused	3	29·4	—	
—	2	SW	3	29·0	—	
—	—	—	—	—	—	
—	—	WNW	3	28·4	—	
—	—	SW	3	28·5	405	
—	—	NW	3	28·8	—	16 h. : Very light snow.
—	—	Pack	—	28·8	—	
NE	3	Nly	4	—	—	Thick with very fine snow 10.30 to midnight.
E by N	4	Nly	4	—	—	Thick weather, wind increasing, intermittent snow, the whole watch.
E by N, ESE	4 4	Cross E by N, ESE	4 4	28·5	—	Morning : Snow moderate to heavy. Wind gradually increasing. 7 h. : Win to E by S.
NE	5	E, NE	6 6	—	—	Forenoon : Snow moderate to heavy ; cleared considerably and stopped snowing, 11.30.
E	5	E, NE	6	—	—	12.20 : Recommenced snowing. Afternoon : Snow moderate to heavy.
E	6	Ely	6	28·5	—	Dogs : Snow moderate to heavy. 1st watch : Fine snow throughout, dense at times.
—	—	—	—	—	—	
—	—	Nly	4	28·2	—	Snow all night (moderate). 6.45 : Cleared temporarily, and sun appeared.
Nly	4	Nly	4	—	—	7.30 : Snowing again. Sky light to southward.
NW	4	Nly	3	29·2	—	16 h. : Wind increasing slightly.

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1911.		° ′	° ′			Inches.	° F.	° F.					
25	16	—		NW	3	29·33	25·8	25·2	—	St., St.-Cu.	8	b.c.	—
,,	20	69 2	159 21	—	—	29 12	—	—	—	—	—	—	—
,,	24	In pack		W	3	29·14	18·0	17·0	—	Nb., St., St -Cu.	9	c.	—
26	4	In pack		W	1–2	29·06	15·0	15·0	—	St., Nb.	10	o.	—
,,	8	9 h.: Proceeded		W	Airs	28·92	15·0	14·8	—	St.	10	o.	—
,,	12	68 53 (13.26)	158 39	WNW	1	29·00	16·2	15·0	—	St., St.-Cu.	9	o.c.	—
,,	16	68 43	158 37	WNW	1	28·96	12·5	12·0	—	St.-Cu., Cu.	7	b.c.	—
,,	20	68 33 (22.45)	158 15	Calm	0	28·88	14·0	13·0	A.-St.	Cu., St.-Cu.	—	b.c.	—
,,	24	23.25: Hove to		SSE	2	28·83	14·0	13·5	Ci.	St.	1	b.	—
27	4	5.30: Proceeded		SSE	3	28·79	16·0	15·0	Ci., Ci.-St.	Cu.-St., St.	5	b.c.	—
,,	8	—		SE	3	28·74	21·8	20·0	—	Cu-St., St.	8	b.c.	—
,,	12	68 37	158 41	SE	3–4	28·76	22·8	21·2	—	Cu.-St., St,, Cu.	8	b.c	—
,,	16	—		SE	3–4	28·71	21·5	—	—	St.-Cu., St., Cu.	9	o.c.	—
,,	20	—		S	4	28·70	—	—	—	St.-Cu., St., Cu.	8	b.c.	—
,,	24	23.40: Hove to		SSE	5–4	28·71	22·0	—	—	St.	10	o.c.	—
28	4	5.30: Proceeded		NW	5	28·75	11·0	—	—	Nb.,Cu.-St.	10	o.c.s.	—
,,	8	68 18 (9.24)	160 34	WNW	4	28·78	—	—	—	Nb.	10	o.c.	—
,,	12	68 14	160 38	W	5	28·88	13·8	—	A.-St.	St.-Cu., St.	2	b.c.	—
,,	16	67 54 (18 h.)	160 22	NW	2	28·97	17·5	—	—	St.-Cu.	9	o.c.	—
,,	20	—		NNE	3	28·96	26·0	—	—	St., St.-Cu.	9	o.c.	—
,,	24	—		ENE	3	28·93	25·0	24·0	A.-St.	St.	2	b.	—
March, 1911.													
1	4	1 h. to 5.30: Hove to		ESE	3–4	28·89	27·0	25·0	—	—	10	o.c.	—
,,	8	—		ESE	3–4	28·79	27·5	26·5	—	—	10	o.s.	—
,,	12	67 32	159 37	ESE	4	28·74	—	29·5	—	—	10	o.4s.	—
,,	16	13 h.: Hove to		E	3	28·69	—	30·0	—	—	10	o.4s.	—
,,	20	—		E	2–3	28·69	—	29·5	—	—	10	o.4s.	—
,,	24	—		E	2	28·74	—	30·0	—	—	10	o.4s.	—
2	8	67 35	159 42	NNW	3	28·85	—	23·5	—	St., St.-Cu., Nb.	9	o.1s.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	2	NW	4	—	—	Commenced to snow (moderate).
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
	Pack heavy			—	—	8 h. : Sun shining at foot of mountains to SW.
	Pancake ice			28·2	—	Suggestion of sun all afternoon, ceasing at 17.30.
—	—	—	—	28·5	—	19.30 : A little Ci.
—	—	—	—	28·5	—	20 h. : Cu. from WNW slowly. Midnight : Low bank of St. fog over land in S. A few streaks of Ci. in zenith from E to W.
—	—	—	—	—	—	
—	—	—	—	—	—	1.30 h. : Aurora commenced. 2.45 : Aurora ceased. Wind steady, increased to force 3.
—	—	—	—	28·8	—	
—	—	—	—	28·8	—	
—	—	—	—	—	—	
—	—	—	—	28·5	405	
—	—	—	—	—	—	
—	—	—	—	—	—	2.55 : Commenced snowing. Wind Ely, force 3–2. 3.7 h. : Wind shifted W by S, increasing in force.
Pancake ice		SEly	3	28·5	—	
SW	2	SEly	3	29·5	403	Long slow swell. 15.15 : Wind eased.
—	2	NEly	3	—	—	
—	2	—	—	30·0	—	22 h. : Wind from NW to N. Clouds closed rapidly.
—	—	—	—	—	—	23.45 : Two curtains of aurora showed in zenith E and W (true).
—	—	—	—	—	—	2.30 : Clouded over. Wind freshening.
—	—	—	—	28·5	—	Morning : Occasional light snow.
E by N	2	—	—	29·5	405	Forenoon : Snowy drizzle.
—	—	—	—	29·5	—	Afternoon : Very light snowflakes. Snow moderate.
—	—	E	—	—	—	Dogs : Very light snowflakes. Snow moderate. 20 h. : Snow heavy. Flakes half melted. Long swell slightly increasing.
—	—	E	2	—	—	Midnight : Snow moderate.
—	2	—	—	29·5	405	4 h. : 0.4s, snow slight. 5 h. : Snow eased. 5.45 : Ship proceeded.

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
March, 1911		° ′	° ′			Inches.	° F.	° F.					
2	12	67 30	160 30	WNW	3	28·86	—	21·0	A.-St.	St., St.-Cu.	7	b.c.	—
		(13.44)											
,,	16	67 25	160 40	WNW	1	28·87	—	23·0	A.-Cu., A.-St., Ci., Ci.-St.	St., St.-Cu., Cu.	4	b.c.	—
		(15.53)											
,,	21.20	Stopped in pack		ENE	3	28·75	24·0	22·5	—	St., St.-Cu.	9	b.c.	—
,,	24	—		ESE	4	28·66	26·0	25·5	—	Nb.	10	o.s.	—
3	4	Stopped in pack		SE	6–5	28·60	27·0	27·0	—	Nb.	10	o.s.	—
,,	8	—		SE	5	28·68	27·0	27·0	—	St., St.-Cu. Nb.	10	o.s.q.	—
,,	12	67 22	160 31	S	3	28·82	28·5	28·0	—	St., St.-Cu. Nb.	8	b.c.	—
,,	16	—		S	3	29·00	30·5	29·0	—	St.	10	o.s.	—
,,	20	—		S	2	29·13	28·5	27·5	—	St., St -Cu.	—	b.c.	—
,,	24	—		Calm	0	29·20	27·5	26·5	—	—	10	o.c.	—
4	4	Stopped in pack		Calm	0	29·23	27·2	26·8	—	St.	10	o.c.	—
,,	8	Stopped in pack 12 h. : Proceeded		NNW	3	29·21	27·8	26·8	—	St.	10	o.	—
,,	12	67 18	160 38	NW	3	29·18	29·5	—	—	Cu., St., St.-Cu.	8	b.c.	—
,,	16	67 6	160 54	W	3	29·09	26·0	25·0	Ci., A.-St.	St., Cu., St.-Cu.	5	b.c.	—
,,	20	—		ENE	2	28·95	26·3	—	Ci., A.-St.	Cu., St., St.-Cu.	7	b.c.	—
,,	24	—		ENE	2–3	28·87	—	—	—	St.	9	c.s.	—
5	4	1.40 to 6.20 : Hove to		SE	2	28·86	25·5	24·5	—	—	—	—	—
,,	8	—		E	1	28·84	26·9	25·0	A.-St., A.-Cu.	St.-Cu., Cu.	6	b.c.	—
,,	12	66 44	161 18	SSW	1	28·83	27·8	26·4	A.-St., A.-Cu.	St.-Cu., Cu.	5	b.c.	—
		(10.10)											
,,	16	66 19	161 38	SW	2	28·81	25·2	24·0	A.-St., A.-Cu.	St., Cu.	3	b.c.	—
		(17.25)											
,,	20	—		SW	4	28·86	16·5	16·5	A.-St., A.-Cu.	Cu., St.-Cu.	9	b.c.	—
,,	24	—		SW	4	28·94	18·0	18·0	—	Cu.-St., Nb.	10	o.c.	—
6	4	65 35	160 46	W	4–5	28·97	20·0	18·5	—	—	—	b.	—
		(4.55)											
,,	8	—		WNW	4	28·99	21·0	20·5	—	Cu., Cu.-St.	8	c.	—
,,	12	65 14	161 24	W	4–5	29·02	26·0	25·9	A.-Cu.	Cu., Cu.-St.	5	b.c.	—
,,	16	—		W	4	29·03	27·5	26·5	A.-Cu.	Cu., Cu.-St.	7	c.	—
,,	20	—		NW	4	28·99	30·0	30·0	A.-Cu., Ci.-St., Ci.	Cu., Cu.-St.	7	c.	—
,,	24	23.40 : Hove to		WNW	2–3	—	28·0	27·0	A.-Cu.	Cu., Cu.-St. Nb.	8	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	2	—	—	29·8	—	
	Pack			29·5	—	Slight swell in pack.
	Pack			—	—	
	Pack			—	—	Snow thick.
	Pack			—	—	1.30 : Wind E ; increased till 2 h. and then fell gradually. Middle : Snowing all the watch. Occasional slight snow during morning
	Pack			—	—	Noon : Long heavy swell from Eastward.
	Pack					
	Pack			—	—	Dogs : Swell increasing.
—	—	E by S	3	—	—	
—	—	E	3	—	—	Midnight : Slight aurora in zenith E to W, detached streamers.
—	—	—	—	—	—	0.20 : Sky cleared. 2.40 : Clouded over and shut out aurora and stars. 4 h. : Light airs from NNW. 8 h. : Very long swell.
—	—	Ely	3	—	—	16 h. : Very windy-looking Ci. to N and NW. 19 h. : Low and rather thick A.-St. from WSW, gradually overspreading
—	—	E	3	—	—	the whole western sky. Considerable Ci. of varying altitude over most of the sky. Calm with occasional light Nly airs.
—	—	Ely	3	—	—	20 h. : Surface of sea just frozen. Sky, though still unsettled
—	—	Ely	3	29·9	—	looking, better than at 19 h. 22 h. : Commenced snowing.
—	—	—	—	—	—	
—	—	—	—	—	—	2 h. : Wind veering NE to E. 4 h. : Snow light through watch.
—	—	—	—	—	435	8 h. : Lower clouds from NW.
Calm	—	Calm	—	28·9	—	
—	—	—	—	—	—	Cu. (low) all round horizon.
—	—	—	—	—	—	
—	—	—	—	—	—	23 h. : Suspicion of snow fell.
SW	2	—	—	—	—	4 h. : Fine aurora in NW (compass) chiefly all watch. Double
SW	3	NE	3	29·8	—	auroral arc., the lower being just above horizon, the upper at an altitude of some 30° (judged) extending over nearly 135°,
SW	4	Wly	4	29·5	—	but the ends disconnected from remainder in shape of darts of light (like Plate II, "Discovery," Physical Observations).
SW	4	Wly	4	29·0	—	Beams of undefined shape forming at times into folds stretching through SW to NE (compass).
W	4	W	4	29·5	—	21 h. : Fine sunset, with Ci. clouds.
W	3	—	—	—	—	22 h. : Start of aurora which was obscured by clouds.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
March, 1911.		° ′	° ′			Inches.	° F.	° F.					
7	4	6 h. : Proceeded		WNW	2	29·01	29·0	27·5	—	Cu.-St.	10	o.	—
,,	8	—		NNW	3	28·98	30·5	29·8	—	St.	10	o.c.	—
,,	12	65 0	161 22	NE	3	28·94	31·8	31·0	—	St., Nb.	10	o.c.3s.	—
,,	16	—		WSW	6	29·02	24·0	23·0	A.-Cu.	St.-Cu., St.	8	b.c.	—
,,	20	22.30 : Hove to		WSW	4	29·11	21·0	20·0	Ci., Ci.-St., A.-Cu., A.-St.	St.-Cu., St.	6	b.c.	—
,,	24	—		N	3	29·06	25·7	25·0	Ci., Ci.-St., A.-Cu., A.-St.	Nb., Ci., Ci.-St.	7	b.c.	—
8	4	6.30 : Proceeded		N	4	28·96	30·5	30·0	—	St.	10	o.	—
,,	8	—		NE	3	28·81	30·0	29·5	—	St.	10	o.	—
,,	12	64 23	161 39	ENE	4	28·68	30·9	30·0	—	St., Nb.	10	o.4s.	—
,,	16			ESE	4	28·54	31·0	31·0	—	St., Nb.	10	o.4s.f.	3
,,	20	—		SSE	4	28·55	31·0	31·0	—	St., Nb	10	o.3s.f.	3
,,	24			SW	5–6	28·70	30·0	30·0	—	St., Nb.	10	o.d.s.	1
9	4			WSW	7	28·80	27·0	27·0	—	St.	10	o.c.q.	—
,,	8	63 3	160 56	SW	6–7	29·00	25·0	24·0	A.-Cu.	Cu., St.-Cu.	7	b.c.q.	—
,,	12	62 51	160 55	WSW	5	29·06	28·5	26·0	—	St.-Cu.	10	c.	—
,,	16	—		W	5	29·11	30·5	29·0	—	St.-Cu., Nb.	10	c.	—
,,	20	—		WSW	5	29·23	31·5	30·0	—	St.-Cu.	9	c.	—
,,	24	—		W	5–4	29·28	29·0	29·0	—	Nb., Cu.-St., St.	8	c.q.	—
10	4			WNW	5–3	29·10	35·0	33·0	—	St.	10	o.2s.	—
,,	8	—		NW	5	28·94	36·0	35·0	—	—	10	o.r.f.	1
,,	12	62 0	162 3	W	6–7	28·80	35·5	35·5	—	St.-Cu.	10	o.c.q.	—
,,	16	—		W	7–8	28·84	36·0	34·8	—	St.	10	o.c.q.	—
,,	20	—		W	7–8	28·97	35·0	34·0	—	St.	10	—	—
,,	24	—		SW	6–8	29·09	34·0	32·0	—	Cu., Nb.	8	c.q.	—
11	4	—		WSW	7–5	29·20	35·0	34·0	—	St.	1	b.	—
,,	8	—		WNW	4	—	34·0	33·0	—	St.-Cu.	10	o.	—
,,	12	61 13	163 11	WSW	2	29·20	33·5	32·5	—	Nb.	10	o.4s.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	NW	2	—	—	Midnight to 1.30 : Sky cleared and aurora showed in streamer form, W to NE. In NW quadrant a few perpendicular rays.
—	2	NW	3	29·9	—	1.30 : Sky clouded and aurora stopped. Distinct arc about 15° high (estimated). Faint reddish glow frequently showing.
NNE	3	Confused	3	29·5	405	Occasional isolated patches showed extreme brilliancy. 8 h. : Sun shining through. Long low swell. 9 h. : Commenced
—	—	—	—	—	—	snowing (slight). 14.15 : Wind shifted NE 2 to SW 2. 15.10 : Wind freshened to SSW 7 in snow squall. 19.50 : Locke drawing
—	—	Ely	3	29·0	—	water to SW and also *inverted* to NE. 21 h. : Wind eased to 2. 22.30 : Aurora commenced. A peculiar V formed, with apex
NNW	3	SE	4	—	—	of V overhead and pointing S by W. The arms of the V being ESE and NNW. 23 h. : Clouded over and obscured aurora. 23 20 : Aurora visible in between clouds.
NNW	2	SW	3	—	—	Midnight to 1 h. : Faint auroral lights showing. Sun shining through. Suspicion of snow. Forenoon : Snow fine and slight.
—	2	NE	3	—	405	
NNE	4	NE	4	30·0	—	Afternoon : Snow.
ENE	4	N	4	31·0	—	Dogs : Snow and sleet. The NW swell the greater of the two.
ESEly	5	Confused Cross	5, 6	31·0	—	First : Intermittent drizzling sleet all the watch. 20.40 : Wind shifted to SSE and gradually worked to S. Observed phos-
Confused S	6	SE, NW NW by N, S confused	6	—	—	phorescence to a slight degree in the water.
SSW	7	Confused	6	—	—	
Sly	7	S by W	7	29·0	—	9 h. : Locke drawing water to NNW.
SWly Confused	7	Cross SSW, WSW	7	31·6	—	
SWly Confused	7	Cross SSW, WSW	6, 7	33·5	404	
SWly Wly	6, 6	Cross SW, W	7, 6	33·8	—	20 h. : Wind squalls occasionally, force 6–7. First : Phosphorescence in water. 22 h. : Ten minutes' snow. 21.50 : Aurora
—	—	—	—	—	—	(fine) commenced.
SW	4	SWly	6	—	—	2 h. : Sky clouded. 2 to 3 h. : Thick with fine snow.
SWly	5	WSW	7	34·8	—	Forenoon : Squalls of hail occasionally.
W	7	W	7	35·0	405	
WSW	7	WSW	7	31·0	—	
WSW	8	WSW	7	34·0	—	22 h. : Drizzling sleet and hail. 22.30 : Aurora commenced.
SW	7	SW	7	—	—	
SW	6	SW	6	—	—	0.30 h. : Slight aurora clouded out. 2 h. : Sky cleared. Wind decreasing. 8 h. : Suspicion of snow. Sun trying to shine
SW	5	SW	6	35·0	404	through mist. Noon : Slight fine snow all forenoon.
SW	4	SW	5	35·2	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation	Fog Intensity (0–5).
March, 1911.		° ′	° ′			Inches.	° F.	° F.					
11	16	—		SE	2	29·22	34·0	32·0	—	St.-Cu.	10	o.	—
,,	20	61 10 (20.38)	163 1	SE	2	29·26	33·5	32·5	Ci.-St., A.-St.	St.	2	b.c.	—
,,	24	—		NE	3–4	29·28	34·0	33·0	A.-St., Ci.-St.	St.-Cu., Ci.-St., St.-Nb.	5	b.c.	—
12	4	—		ENE	5	29·12	34·0	34·0	—	St.	10	o.r.s.	3
,,	8	—		NE	4	28·86	36·0	35·5	—	—	10	0.4r.f.	2
,,	12	60 46	161 41	N	1	28·69	37·0	37·0	—	—	10	0.4r.f.	3
,,	16	—		NNE	4	28·60	36·0	36·0	—	—	10	o.3r.½f.	4
,,	20	—		SW	8	28·81	33·8	32·6	—	St.-Cu.	10	o.c.	—
,,	24	—		SW	7–8	29·21	33·0	32·2	—	St.-Cu.	9	b.c.q.	—
13	4	—		W	7–6	29·28	33·0	32·6	—	Cu., St.-Cu.	9	c.q.	—
,,	8	—		N	5	29·44	34·0	33·0	—	St.-Cu.	7	b.c.	—
,,	12	59 48	160 8	SW	5	29·49	36·0	35·0	—	St.-Cu.	10	c.	—
,,	16	59 27 (17.52)	160 1	SW	6	29·69	37·0	35·0	—	St.-Cu., Cu.	7	b.c.	—
,,	20	—		WSW	5	29·74	37·0	35·0	—	Cu., St.-Cu.	7	b.c.	—
,,	24	—		WSW	4–3	29·78	37·0	35·2	—	Cu., St.-Cu.	5	b.c.	—
14	4	—		WNW	4–5	29·79	37·0	35·0	Ci.-Cu.	St.	8	c.	—
,,	8	—		NW	4	29·80	37·8	36·0	A.-St.	—	10	c.	—
,,	12	58 30	161 35	NW	4	29·74	39·5	38·0	A.-St., Ci.-St., A.-Cu.	—	9	c.	—
,,	16	—		WNW	5	29·69	40·0	38·0	A.-St.	St.	9	c.	—
,,	20	—		NW	6	29·56	39·0	39·0	—	—	10	o.r.	—
,,	24	—		NNW	5–6	29·49	38·0	38·0	—	Nb.	10	o.q.r.	—
15	4	—		SSW	4	29·39	36·0	35·0	—	St.	10	o.4r.	—
,,	8	—		SW	4	29·57	35·9	34·0	—	St.-Cu.	9	c.	—
,,	12	58 25	161 22	WNW	4	29·52	37·9	36·5	—	Cu., St.-Cu.	9	c.1r.	—
,,	16	—		WNW	4	29·50	37·8	37·0	—	—	10	o.4r.	—
,,	20	—		W	—	29·59	39·3	38·0	—	St.-Cu., St.	10	o.	—
,,	24	—		WSW	—	29·70	40·0	39·0	Ci.-Cu.	Cu.-St., St., Nb.	8	c.q.p.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks
Waves.		Swell.		Sea Temperature.	Colour	
Direction from.	Disturbanee (0–10).	Direetion from.	Disturbance (0–10).			
				° F.		
SW	3	SW	5	35·3	—	21 h.: Breeze freshened and took up from NE. 22.10: Aurora commenced. Consisted of arches of light S and E, with streaks of incandescent light shooting towards zenith. Display lasted 10 minutes.
SW	3	Confused SW	6	35·2	—	
NE	4	Confused SSW	5	35·0	—	
NE	4	SW	4	—	—	1 h.: Sky clouded. 1.30: Light rain commenced and thickened. turning to snow.
—	3	SW, Wly.	5, 4	35·8	—	
—	3	Confused SWly	5	35·4	404	Noon to 15 h.: Thick misty rain. 15 h.–16 h.: Fog.
—	3	Confused WNWly	—	—	—	16.50: Wind began to increase and back. 17.30: Wind SW, 6. Steadily backed till at 18 h. was S. 19 h.: S. 7–8. 1st: About 21.30 very heavy squall with wind force 9. Midnight: Wind eased slightly. Locke drawing water effected by moon's rays.
S	6	Confused S	5	—	—	
S	7	SSW	7	35·4	—	
SW	5	SSW	6	—	—	4 h.: Weather moderating. Noon: The higher of lower clouds from SSW. 23.10: Wind eased to force 4, sky cleared. Aurora commenced, extending from WSW at an altitude of 10° in a curve to within 5° of zenith to E by S, where it terminated at an altitude of about 17°. From zenith to W was of curtain formation and incandescent and almost green: light to the Eastward was misty nebulous in appearance and of a reddish hue. Moon was out whole time. 23.30: The whole was of a green colour.
SWly	5	SW by S, SW	6, 7	35·0	—	
SWly	6	SWly	7	35·3	—	
SWly	6	Confused SWly	7	35·8	404	
SWly	6	Confused SWly	7	35·9	—	
SW	6	SW	6	—	—	
W	4	SW	5	—	—	2 h.: Halo round moon, about 25° radius. High clouds from SSW. 8 h.: The whole sky covered with light A.-St., through which the sun was shining. Wind in puffs. 9 h: Clouds turned prineipally into A.-St. (9).
Wly	5	Wly	6	36·2	—	
Wly	5	Wly	6	38·8	—	
Wly	5	Wly	6	39·5	—	
SWly	—	WNW	6	39·8	—	First Watch: Rain all the watch and increase of wind.
WNWly NWly	— 6	WSW NW	6	—	—	
Confused	4	W, NW	6	—	—	2.30 to 3: Wind backed from WNW 4 to S 4, not suddenly. Continuous rain all watch. Drizzle (moderate) till 3.45. Afternoon: Rain, occasionally accompanied by snow. 18.45: Sky clearing, showing A.-Cu. and high Ci., the latter in stripes running in a NNE and SSW line, principally in SE quarter of heavens. Dogs: Wind increased to force 5 at 17 h. with occasional squalls of 5–6, and very gradually backed to SW by W at 19 h. Occasional drops of rain. 21.30: The lower clouds appear to be in two layers, one moving before the wind and the other from WNW as seen against stars and moon. Sky clouding over and partially clearing at short intervals. First Watch: Occasional showers, wind force about 6 in squalls.
Wly	4	Wly	6	36·5	—	
Wly	4	Confused Wly	6	36·3	—	
W	4	W	6	36·5	—	
W	4	W	6	39·0	—	
WSW	5	W	6	—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
March, 1911.		° ′	° ′			Inches.	° F.	° F.					
16	4		—	WNW	4	29·79	40·0	38·5	—	Cu.-St., St.	8	c.	—
,,	8		—	WNW	5–6	29·81	41·0	40·0	—	St.-Cu., St.	10	o.c.	—
,,	12	56 46	162 32	WNW	6	29·91	42·2	40·8	—	St.-Cu., St.	10	o.c.	—
,,	16		—	WNW	6	29·97	42·8	41·5	—	St.	10	o.c.	—
,,	20		—	WNW	5	29·97	42·5	41·9	—	St.	10	o.	—
,,	24		—	WSW	3	30·05	42·0	41·2	—	St., Cu.-St.	10	o.	—
17	4	55 56	163 34	WNW	3–4	30·10	42·0	41·0	—	St., Cu.-St.	10	o.c.	—
,,	8	(6 h.) 55 54	163 38	NNW	2–3	30·02	43·5	41·8	—	High St.-Cu.	8	c.	—
,,	12	(9.16) 56 14	163 48	NNW	2–3	29·99	44·0	42·5	Ci., A.-Cu., Ci.-St., A.-St.	Cu., St.-Cu.	4	b.c.	—
,,	16		—	NNW	3	29·86	44·0	42·2	Ci., A.-St., A.-Cu.	St.-Cu.	6	b.c.	—
,,	20		—	NNE	2	29·71	—	43·0	—	—	10	o.1r.m.f.	3
,,	24		—	NNE	1–2	29·67	41·2	41·2	—	St., Nb.	10	o.d.f.	2
18	4		—	NW	3–2	29·62	41·0	41·0	—	St.	10	o.r.4f.	4–3
,,	8		—	NNW	1	29·72	—	41·0	—	St.	10	o.4r.f.	2–1
,,	12	56 28	162 57	NNE	0–1	29·47	—	41·0	—	St.	10	o.4f.4d.	2
,,	16		—	NNW	2	29·36	—	41·0	—	St.	10	4f.	3
,,	20		—	N	5	29·21	—	41·0	—	St.	10	4f.4d.	4
,,	24		—	N	6	28·97	—	—	—	Nb.	10	o.4r.	—
19	4		—	NNW	7–6	28·94	42·0	42·0	—	Cu.-St.	8	o.c.q.	—
,,	8		—	NNW	6–7	28·83	42·8	41·0	—	Cu.-St.	9	o.c.q.	—
,,	12	57 23	159 37	NNW	6	28·73	41·8	40·0	A.-Cu., A.-St.	Cu., Nb., St.	5	b.c.q.	—
,,	16		—	NNW	5–6	28·48	41·0	40·0	—	St.-Cu.	10	c.q.s.	—
,,	20		—	W	9–8	28·32	41·0	40·0	—	Nb., St.-Cu.	—	c.q.p.	—
,,	24		—	WNW	8–9	28·75	38·5	36·0	A.-Cu.	Nb., St.-Cu.	—	b.c.q.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
WSW	5	W	5	—	—	No squalls after 2 h. 4 h.: Low Cu. travelling fast from S and SSW. 7 h.: Wind freshening.
W	5	W	6	39·0	—	
W	5	WSW	6	40·2	—	Afternoon: Misty. Inclined to clear at 15 h. Wind inclined to back in the squalls. 15 h.: Signs of swell from SW.
W	5	Cross W, SW	7, 6	41·0	—	
W	5	W, SSW	7, 6	40·2	—	16.30: Fog intensity 1. Wind gradually backing after 22 h.
SW	4	SW	4	40·0	—	Midnight: Wind falling light.
SW	4	Wly	3	—	—	Middle Watch: Wind gradually veering. Morning: Wind gradually veering and falling light.
—	3	SWly	4	43·9	—	
—	3	SW	4	43·9	404	13 h.: Sky half covered with Ci.-Cu., A.-St., and windy-looking false Ci., the lower clouds having all disappeared. 16.30: Mist coming on. Wind force 1–2. 18 h.: Fog intensity 1. Wind N 1. Confused swell from N to SW. 18.30: Fog intensity 2. 23 h.: Fog set in. Intermittent drizzle all watch. Wind falling light.
—	3	SWly	5	41·0	—	
—	3	NW	5	41·0	—	
Nly	2	Confused WSW	4	—	—	
—	—	WSW	4	—	—	Wind shifting slowly all watch. Morning: Fog intensity 2 till 7 h., then 1. 8 h.: Began to drizzle. 9 h.: Fog intenity 2–3. Fine drizzle all forenoon. Very long swell. 12.30: Drizzle stopped. 15.30: Fog eased off and sun came out. Wind freshened to force 2. 15.45: Fog descended again. 16.30: Wind freshened to foree 4.
—	—	SWly and W	6	40·5	—	
—	—	Confused SWly	6	41·0	—	
—	—	Confused SWly	6	40·0	—	
Confused	5	Confused	6	—	—	
NNW	5	—	—	—	—	
NW	4	—	—	—	—	2 h.: Heavy rain squalls. 2–3 h.: Wind eased considerably. Later weather cleared. Wind unsteady in direction and force. Morning: Showers of drizzle to rain (moderate) most of watch. 8 h.: Squalls, force 7 to 8. 8.30: Sky rapidly cleared of clouds. 9.15: Wind eased to force 5, NW by W. 9.30: Wind W by N, force 4. 16.30: Wind increased to force 7–8. Squalls, force 9. 17 h.: Wind slowly backing. 19.30: Wind W by N, force 7–8, backed rapidly to WSW. Occasional showers of slight rain with big drops. 1st Watch: Occasional squalls (heavy). Upper clouds moving rapidly from W by S.
NW	5	NW	6	—	—	
NW	5	Confused NW	7	—	—	
NW	7	Confused NW	7	—	—	
Confused	8	Confused SW	8	—	—	
Confused	8	Confused W by S	8	—	—	
		Confused				

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
March, 1911.		° ′	° ′			Inches.	° F.	° F.					
20	4		—	WNW	9	28·90	35·0	35·0	—	Cu., St.-Cu., Nb.	5	b.c.q.r.	—
,,	8		—	NW	6	29·00	38·0	35·0	A.-St.	Cu., St.-Cu.	1	b.c.q.	—
,,	12	57 16	160 17	NNW	6	29·04	40·5	38·0	A.-Cu.	Cu., St.-Cu.	5	b.c.q.	—
,,	16		—	NW	6–7	29·24	39·0	39·0	A.-Cu.	Cu., St.-Cu.	7	b.c.q.	—
,,	20		—	NW	4	29·14	39·0	36·0	A.-St.	Cu., St.-Cu.	3	b.c.	—
,,	24		—	NW	6–4	29·21	38·0	36·0	—	St., Nb.	10	b.c.p.q.o.	—
21	4		—	NNW	4–2	29·22	39·0	38·0	—	St.-Cu.	10	o.c.	—
,,	8		—	NE	3	29·13	—	39·0	—	St.-Cu., St.	10	c.f.	1
,,	12	57 30	159 59	ENE	3–4	28·93	—	39·0	—	Nb.	10	c.l r.	—
,,	16		—	NNE	5–6	28·63	—	45·0	—	—	10	o.d.f.	3
,,	20·45		—	—	—	28·48	—	—	—	—	10	o.r.f.	2
,,	24		—	W	7	28·71	37·5	—	—	St.-Cu.	10	c.q.	—
22	4		—	WSW	7	28·81	37·0	37·0	—	Cu., St.-Cu., Nb.	8	b.c.q.	—
,,	8		—	WSW	5	28·85	35·0	33·0	—	Cu., St.-Cu., Nb.	8	b.c.q.s.	—
,,	12	56 5 (13.56)	159 22	WSW	6	28·88	37·8	35·0	A.-Cu.	Cu St.-Cu., Nb.	6	b.c.q.	—
,,	16	55 54 (18.17)	159 37	W	7	28·98	36·0	35·0	—	Cu., St.-Cu., Nb.	6	b.c.q.r.h.s.	—
,,	20	55 39 (20.25)	160 11	WSW	6	29·07	37·0	35·0	—	Cu., St.-Cu.	6	b.c.q.s.	—
,,	24		—	WSW	4–6	29·17	35·0	33·8	A.-St.	Nb., Cu., St.-Cu.	8	b.c.q.p.s.	—
23	4	54 56 (6.25)	160 31	WSW	5	29·22	37·0	35·0	—	St.-Cu., Cu., Nb.	7	b.c.q.r.s.	—
,,	8		—	WSW	4	29·24	39·4	—	A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	12	54 23	160 39	WSW	3	29·28	38·2	37·5	—	—	10	o.r.	—
,,	16		—	WSW	5	29·33	41·0	—	A.-Cu.	Cu., St.-Cu.	7	c.q.	—
,,	20		—	WNW	6–7	29·31	45·0	43·0	—	Nb., Cu.	—	c.q.	—
,,	24		—	W	9–6	29·23	46·0	45·2	—	St.-Cu., Nb.	10	o.q.r.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
W	9	—	—	—	—	Middle: Very heavy squalls. 14 h.: Very heavy squalls, wind and hail. 20 h.: Height of waves, 22 ft. Heavy bank of clouds approaching from SW. 21 h.: Cloud bank over ship. St. from SW. 21 h.: Aurora commenced. Rather obscured by clouds. Very fine lines of radiating light from zenith in a NW and W (compass) direction. Colour whitish yellow, but among clouds a very distinct greenish tinge. 21.40: Ceased entirely. Stars showed plainly through it. All the stars of Orion's sword, for instance, being visible. 22 h.: Aurora commenced again, but rather faint.
W	8	Wly	8	38·5	—	
Wly	8	Wly	8	38·5	—	
Wly	8	Confused Wly	8	38·8	—	
—	4	Confused W by N, SW	8	38·8	—	
WNWly	4	Confused SW, WNW	8		—	
—	—	SW, NW	Confused 8	—	—	0 h. to 1 h.: Brilliant aurora, curtains from N to S horizon through zenith. Greenish tinge generally, with occasional dull red. Highly evanescent. 6 h.: Wind rapidly veered to NNW, force 1–2. Morning: Rain to drizzle most of watch. 11 h.: Commenced raining (moderate). 13 h.: Rain drizzle most of afternoon. Dogs: Occasional showers. 17 h.: Wind N 4. 18 h.: Wind N 3. 19.40: Wind N 2–3, commenced to back. 19.45: Wind jumped round to SSW and increased quickly in strength. 20.15: Force 8–9. Occasional showers of heavy driving rain and sleet. Remainder of watch heavy squalls of force 9–10, easing off after 23 h. to squalls of 8–9.
—	3	Confused	8	38·5	—	
—	4	Confused	7	38·5	—	
Confused	5	Confused	7	38·5	—	
Confused	—	Confused	8	—	—	
WSWly Confused	6	WSW Confused	8	—	—	
SWly	7	SWly	8	—	—	1 h.: Slight aurora. Wind eased to squalls S. Corona round moon on high St.-Cu. clouds. Morning: Heavy snow squalls frequent during watch. 6 h.: Fierce squall of wind and hail. 8 h.: Blue sky with bright Cu. clouds to S and SE. Forenoon: Snow squalls frequent. 10.45: Strong wind and hail. 16 h.: Very heavy squalls, frequent rain, hail, and snow. Dogs: Squalls less frequent. Wind steadying. 21.30: Aurora curtain formation, one hour duration. Fine low aurora showing two distinct arches between S (true) and WSW (true), the brightest being of 11° altitude, the upper one fainter and more irregular. Above the clouds (near S) was a patch of auroral light, with a distinct reddish tinge, all the remainder being of a greenish tinge. From S perpendicular rays shot up. Midnight: Frequent passing showers of hail and sleet.
SW	7	SW	7	38·8	—	
SW	7	SW	7	38·5	—	
SW	7	SW	7	39·0	404	
SW	7	SW	7	—	—	
SW	7	SW	7	—	—	
SW	5	SWly	6	—	—	1.30: Snow squall. Auroral curtain in S. 3.30: Heavy squall, wind and sleet. Auroral arch in S. 10 h.: Sky completely clouded over with high St.-Cu. and A.-St. Wind eased to force 2–3. Wly cross swell appearing. Forenoon: Squalls of snow, sleet, and rain occasionally. Afternoon: Last shower of sleet at 13 h. Wind increasing gradually during watch, and shifted to WSW at 14.30. 16 h.: Showers about. 21.30: Wind backed to SW by W, force 8–9, in sharp squalls. Midnight: Strength of squalls moderating. Rain 2½ hours.
SWly	5	SW	6	39·0	—	
—	3	SW	5	38·9	—	
SW	5	SW	6	40·0	404	
Wly	6	Wly Confused	7	42·8	—	
WSW	6	Confused	7	—	—	

TABLE 86. METEOROLOGICAL LOG

1st Voyage. November 30th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
March, 1911.		° ′	° ′			Inches.	° F.	° F.					
24	4		—	W	8	29·23	—	—	—	Nb., St.-Cu.	9	c.p.	—
,,	8		—	WSW	8	29·36	43·5	42·0	—	St.-Cu., Cu.	4	b.c.	—
,,	12	51 55	162 8	WSW	7	29·57	45·0	42·2	—	St.-Cu., Cu.	9	c.	—
,,	16	51 25 (17.21)	162 15	WSW	7	29·68	45·9	43·0	—	St.-Cu., Cu.	8	c.	—
,,	20		—	WSW	6	29·76	47·5	45·0	—	St.-Cu., Cu.	10	c.	—
,,	24		—	WSW	5–6	29·75	49·5	49·2	—	St., Nb.	10	q.c.d.	—
25	4		—	W	7	29·78	50·0	50·0	—	St.-Cu., Cu.	6	b.c.	—
,,	8		—	WSW	7	29·77	50·2	49·0	—	High St.-Cu.	10	c.	—
,,	12	50 10	163 10	WNW	7	29·76	—	50·0	—	St., St.-Cu.	10	o.c.	—
,,	16		—	WNW	7	29·79	—	51·5	—	St., St.-Cu.	10	o.c.f.	—
,,	20	49 16 (19.45)	164 11	W	7	29·83	—	52·5	—	St.-Cu.	4	b.c.	—
,,	24		—	WSW	5	29·93	52·0	52·0	—	St., St.-Cu.	2	b.c.	—
26	8		—	W	5	29·93	54·2	52·8	—	St.-Cu., Cu.	9	c.	—
,,	12	47 41	166 43	WNW	5	29·93	54·0	52·5	Ci.-Cu., A.-Cu.	St.-Cu., Cu.	6	b.c.	—
,,	16		—	WNW	8	29·87	56·0	54·2	—	St.-Cu., St.	10	c.q.	—
,,	20		—	WNW	6	29·87	—	57·0	—	Nb., St.-Cu.	8	c.r.1q.	—
,,	24		—	WNW	5–6	29·84	55·8	54·2	—	Nb., St.-Cu.	10	c.q.p.	—
27	4		—	WNW	6	29·87	57·0	55·0	—	Cu., St.-Cu.	8	c.q.	—
,,	8		—	WNW	6	29·89	58·0	55·5	—	Cu., St.-Cu.	6	b.c.	—
,,	12	46 50	168 43	WNW	5	29·86	64·0	58·0	A.-St. (false Ci.)	St., St.-Cu., Cu.	—	b.c.	—
,,	16		—	W	4	29·80	61·9	61·2	—	Cu., St.	—	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1910, TO MARCH 27TH, 1911.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
WSW	6	SWly	7	—	—	Middle: Passing showers of rain and sleet. Fairly steady wind with occasional lulls. 6 h.: Wind backed to SW.
SW	7	SW	8	44·6	—	
SW	7	SW	8	—	—	
SW	8	SW	8	49·1	—	
SW	8	SW	8	49·6	—	
SW	7	SW	7	—	—	Midnight: Wind freshening slightly.
WSW	7	SW	7	—	—	Two hours' drizzle. Barograph rising slightly till 2 h. then falling slightly.
SW	7	SW	8	50·1	—	
W	7	W	8	52·0	—	
W	7	W	8	53·5	405	
—	7	Wly	8	53·8	—	
WSW	6	W	8	51·6	—	
WSW	6	SW	8	55·8	—	
W by S	5	SW by S	6	56·8	—	Wind gradually increasing during afternoon.
W	6	Wly	8	56·6	405	
—	6	Wly	8	—	—	1st Watch: Occasional showers. Wind squally and slightly increasing.
W	6	Wly	7	—	—	
W	4	W	5	—	—	
W	5	W	6	55·0	—	
W	5	SSW	6	56·0	—	
—	3	—	3	56·5	—	16 h.: Off Peterson's Inlet, Stewart Island.

TABLE 87. METEOROLOGICAL LOG

2nd Voyage. December 15th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1911.						Inches.	° F.	° F.					
15	12	43 52	173 12	ENE	3	29·30	56·0	53·5	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	16	—		SE	5	29·28	51·5	49·0	A.-St., A.-Cu.	Cu., St.-Cu.	8	c.	—
,,	20	—		SSE	4	29·39	50·2	47·5	A.-St.	Cu., St.-Cu.	10	o.	—
,,	24	—		SSE	5–3	29·47	50·0	46·0	—	St., Nb.	10	c.	—
16	4	—		SW	4	29·53	50·0	47·0	—	St.-Cu., St.	8	c.p.	—
,,	8	45 0 (7.12)	172 18	SW	4	29·50	49·5	46·2	Ci.	Cu.	4	b.c.	—
,,	12	45 25	172 28	SW	4	29.62	50·1	45·5	Ci., Ci.-St., A.-St.	Cu.	3	b.c.	—
,,	16	—		SW	3–4	29·60	—	—	Ci., Ci.-St., A.-St.	—	2	b.c.	—
,,	20	—		W	3	29·62	50·0	46·1	Ci., Ci.-St., A.-St.	Cu., St.-Cu.	3	b.c.	—
,,	24	—		W	3	29·62	48·0	46·0	—	St.-Cu.	1	b.	—
17	4	47 0 (3.25)	173 11	W	4	29·57	48·2	45·8	—	Cu., St.	2	b.	—
,,	8	—		SSW	2	29·57	53·5	48·2	Ci.-St.	Cu., St.-Cu.	3	b.c.	—
,,	12	47 44	173 25	ENE	1	29·53	50·1	46·3	—	Cu.	3	b.c.	—
,,	16	—		SE	2–3	29·48	50·0	45·9	A.-Cu.	Cu., St.-Cu., Nb.	6	b.c.	—
,,	20	—		SE	3–4	29·50	48·0	44·2	A.-Cu., A.-St.	Cu., St.-Cu., Nb.	8	c.p.	—
,,	24	—		ESE	4	29·49	49·0	44·0	A.-Cu., A.-St.,	Cu., St.-Cu., Nb.	7	b.p.	—
18	4	—		SSE	5–4	29·47	47·0	44·0	—	Cu., St.-Cu.	4	b.c.	—
,,	8	—		SSE	4	29·50	48·0	45·0	—	Cu., St.-Cu., St.	5	b.c.	—
,,	12	49 49	171 45	SSE	3–4	29·53	47·4	44·5	—	Nb., Cu., St.-Cu.	9	c.	—
,,	16	—		SSW	2–3	29·52	52·0	48·4	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	20	—		Calm	0	29·53	48·1	45·0	A.-Cu.	Cu., St.-Cu.	7	c.p	—
,,	24	—		Calm	0	29·53	48·0	45·0	—	Cu., St.-Cu., Nb.	9	c.p.	—
19	4	—		WNW	3	29·49	47·5	44·5	—	St.-Cu.	9	c.	—
,,	8	—		W	2	29·48	45·4	43·0	—	Cu., St.-Cu., Nb.	9	c.1r.1p.	—
,,	12	51 48	172 18	SW	2	29·51	45·2	43·0	—	Nb., St.-Cu.	10	o.c.1r.	—
,,	16	—		SSW	3–4	29·52	45·2	42·5	A.-Cu., A.-St.	St.-Cu., Cu., Nb.	9	c.p.d.	—
,,	20	—		SSW	4	29·53	44·6	42·0	—	St.-Cu., Nb.	10	c.d.4p.	—
,,	24	—		S	3	29·55	47·5	45·0	—	St.-Cu., St., Nb.	8	c.p.b.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
Nly	3	Nly Confused	5	58·2	Between 352 and 376	13.30 h. : Considerable amount of A.-St. to N. 14 h. : Wind veered to ESE and increased to force 4–5. 15 h. : Jump in barograph due to moving instruments.
SEly	4	SEly	5	55·8	—	18.5 : Wind veered to SE, easing slightly 22.5. Put clocks on 15 minutes.
SEly	4	SEly	5	—	—	22.20 : Commenced to rain (moderate).
S by E	5	Sly	5	—	—	23 h. : Wind dying. 23.30 : Wind increasing ; rain ceased.
Sly	4	SWly	6	—	—	0 h. : Wind variable in strength and direction. Put clocks on 15 minutes.
S	4	SWly	5	49·8	401	8 h. : Sky covered with fine Ci. Very little Cu. on horizon.
SSW	4	SSW	5	50·1	—	14 h. : Wind inclined to back to S.
SWly	4	SW by S	6	—	400	
—	2	SW by S	5–6	—	—	23 h. : Showers of rain about.
WSW	8	SW by S	5	48·7	—	23.30 : Sky completely cleared again.
WSW	3	WSW	4	48·8	—	Several light showers between 1 and 3 h. 3 h. : Full disc of moon showing (age 26 days). 6.45 : Few spots of fine rain for half minute. 7.10 : Rainbow, colours in out, purple, blue, green, yellow, orange and red, green predominating. Small portions are visible. 9 h. : Light Ely airs. 16 h. : Rain about on horizon. 17 h. : Wind freshening. 19.50: Slight shower. Rain about on horizon.
—	2	SW	5	50·2	—	
—	2	SW	5	52·5	427	
—	2	SW	5	51·8	—	
—	3	SWly	5	50·0	—	3.15 : A very light shower. Clouds passing very low. 12.20 : Wind eased to force 1 and shifted to S. 15.30 : Wind increased to 3.
E	4	Confused	4	—	—	
SE	4	S by E	5	49·0	—	
—	3	Sly Confused	5	49·4	—	
—	3	Sly Confused	5	49·8	429	
—	3	Sly Confused	4	50·4	—	17.45 : Shower (moderate) lasting about half an hour.
—	3	Sly Confused	5	50·0	—	20 to 21 : Passing showers.
—	—	SSE	4	—	—	Midnight : Long SSE swell, sea calm.
Wly	2	SE	5	49·0	—	6–7 h. : Moderate rain, afterwards showers.
—	—	SE Slight	5–4 confused	49·0	—	11 h. : Moderate rain.
—	2	SE Slight	5–4 confused	48·8	429	14 h. : Wind freshened and changed direction to S by E.
—	3	E and S	5	48·5	—	
Sly	4	SSW	6	47·9	—	20.10 : Wind eased to 3. 8 to 22.30 : Moderate rain.
SSEly	4	SW	6	—	—	22.30 : Wind eased and rain ceased.

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
DECEMBER, 1911.		° ′	° ′			Inches.	° F.	° F.					
20	4		—	SSE	3	29·62	47·4	44·6	A.-Cu.	St.-Cu.	9	c.	—
,,	8		—	ESE	4	29·69	46·5	45·2	—	St.-Cu., Nb., Cu.	9	c.	—
,,	12	53 35	173 6	ESE	4	29·79	47·8	44·8	A.-Cu., A.-St.	Cu., St.-Cu.	5	b.c.	—
,,	16		—	ESE	4	29·88	46·2	43·8	—	Cu	2	b.c.	—
,,	20		—	ESE	4	29·95	46·2	43·0	A.-Cu.	Cu., St.-Cu.	6	b c	—
,,	24		—	ESE	3	29·98	45·8	40·2	A.-Cu.	Cu., St.-Cu.	9	c.	—
21	4		—	SSE	4	29·98	44·0	41·0	—	Cu., St.-Cu.	4	b.c.	—
,,	8		—	ESE	4	30·02	46·2	—	—	Cu., St.-Cu.	7	c.	—
,,	12	55 16	173 2	ESE	3–4	30·01	45·0	40·0	A.-St.	Cu , St.-Cu.	4	b.c.	—
,,	16		—	ESE	3–4	30·01	44·3	40·0	—	det. Cu.	2	b.c.	—
,,	20		—	ESE	3	30·00	44·2	39·9	—	Cu., det. Cu.	3	b.c.	—
,,	24		—	ENE	2–3	30·00	44·1	40·0	Ci.-Cu.	Cu., St.-Cu., St.	4	b.c.	—
22	4		—	NNE	2–3	30·00	43·6	40·8	A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	8		—	NNW	1	29·99	46·5	43·0	A.-St., A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	12	57 30	174 29	WNW	2–3	29·99	45·8	42·8	A.-St., A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	16		—	WSW	2–3	29·98	—	—	Ci.-St., A.-St., A.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	20		—	WSW	2–3	29·98	46·7	42·5	Ci.-St., A.-St., A.-Cu.	Cu., St.-Cu., Nb.	—	b.c.	—
,,	24		—	SW	2–3	30·00	42·9	38·8	A.-Cu.	Cu., St.-Cu., Nb.	7	b.c.	—
23	4		—	W	3–1	29·99	41·0	39·0	—	Cu., St.-Cu. Nb.	9	o.c.	—
,,	8		—	WSW	3	30·00	41·8	39·4	A.-St., Ci.-St.	Cu., St., St.-Cu.	3	b.c.	—
,,	12	59 6	177 55	SW	4	30·00	42·8	40·8	A.-St., A.-Cu., Ci.-St.	Cu., St., St.-Cu.	5	b.c.	—
,,	16		—	SW	4	29·99	42·4	40·6	—	Cu., St., St.-Cu.	8	c.	—
,,	20		—	WSW	4	30·00	40·0	39·0	—	Nb., Cu., St.-Cu.	10	o.c.ld.	—
,,	24		—	SSW	1	30·02	35·8	34·8	—	St., Nb.	10	o.ld.	—
24	4		—	SSE	2–3	30·01	35·2	33·4	—	Cu., St.	9	o.c.	—
,,	8		—	SSW	2–3	30·00	34·5	31·4	—	Cu., St.	10	o.c.	—
,,	12	60 39	W. 178 39	SSW	2–3	29·92	35·4	32·1	A.-St.	Cu., St.	9	c.	—
,,	16		—	SSW	3	29·91	36·4	32·8	A.-Cu., A.-St.	Cu., St.-Cu., St.	6	b.c.	—
..	20		—	SSW	4	29 87	33·8	31·0	—	Cu., St.-Cu., St.	10	o.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
SEly	3	Very Confused	6	48·0	—	1 h. : Sky cleared, clouds breaking on NE horizon.
—	3	ESEly	6	48·2	—	3 h. : Clouded over again from S and E.
Ely	4	E by S	6	47·8	428	Noon : Clear blue sky. 12.30 : Heavy St.-Cu. passed over, wind lulling from force 5 to 3. 13.30 : Sky cleared, wind freshened from force 3 to 5. 20 h. : Showers about. 22 h. : Completely clouded over (St.-Cu. clouds). Occasional showers (slight) after 22 h.
E	4	E by S	6	47·2	—	
E	4	E by S	6	47·0	—	
E	4	E	6	—	—	
ESE	4	Ely	6	46·8	—	2.30 : Wind shifted two points. 3.30 : Sky partially cleared.
E	4	Confused E by S	6	46·2	—	
E	3	E by S	6	47·6	403	
E	3	E by S	6	47·8	—	
E	3	E	6	48·0	—	20.20 : Sun behind Cu. throwing out white rays to about 7° or 8°. 21.30 : Wind NEly, force 1–2. Midnight : Peculiar foggy look to S and SW.
NE	3	Nly and NE Conf.	6	—	—	
Nly	2	Ely and NEly	5	45·8	—	Wind shifting gradually. 6 h. : Wind NW, 1. 7 h. : Sky covered with A.-Cu. 10.30 : Wind shifted to W by N, force 2.
—	2	E	6	45·2	—	
—	2	E	6	46·5	—	
—	2	E	6	46·7	—	
—	3	E	6	46·6	—	20 h. : Heavy bank of clouds to W. Rain on horizon to E. Clouded over.
SSW	3	SSW	5	—	—	23 h. : Sky clearing. Nb. bank to SSW.
SWly	2	ESE	5	43·2	—	4 h. : Rain on horizon all round.
	3	Sly Confused	5	41·4	—	
—	3	Sly Confused	5	42·8	Between 407 and 408	
SW	3	SSW	5	40·1	—	19.15 to 20.30 : Sort of half drizzle.
SW	3	SSW	5	39·6	—	21 h. : Dropped calm.
—	1	Cross S and SW	4	38·0	—	23.30 : Commenced to drizzle, with occasional flakes of snow.
SE	3	SE	4	39·6	—	Very light snow 0–1 h.
—	3	SSW	5	36·4	—	8 h. : Sun just appearing through clouds.
—	3	SSW	5	36·0	403	14.15 : Light snow showers.
—	3	SWly	6	35·3	—	20 h. : Sky not completely overcast. Patches of blue sky appearing in places. Locke drawing water to westward. 22.30 : Wind force 5. Midnight : Swell very short and so steep. Dark on horizon to northward.
S	4	S	6	34·2	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
DECEMBER, 1911.		° ′	° ′			Inches.	° F.	° F.					
24	24		—	SW	4	29·89	32·9	29·0	—	St.-Cu.	9	c.	—
25	4		—	SSW	5–6	29·77	32·0	28·5	—	St.-Cu., St.	10	o.c.	—
,,	8		—	SSW	5	29·66	31·5	27·6	—	Cu.-St.	10	o.c.	—
,,	12	62 10	175 37	SSW	5	29·63	30·6	28·5	A.-Cu.	St.-Cu., Cu.	3	b.c.	—
,,	16		—	SW	6–7	29·56	31·5	—	—	St.-Cu., Cu.	8	c.s.	—
,,	20		—	SW	7–8	29·51	30·4	29·8	—	St.-Cu., Cu.	9	f.c.q.s.	3
,,	24		—	SSW	6–7	29·48	30·8	—	—	St.-Cu., Cu., Nb.	10	c.q.	—
26	4		—	SSW	6	29·46	30·5	30·0	—	St.-Cu., St.,Nb.	10	o.c.q.2s.	—
,,	8		—	SSW	6	29·43	30·4	—	—	St.-Cu., Nb.	10	o.c.q.3s.f.	3
,,	12	63 31	173 23	S	5	29·42	31·0	31·0	—	St.-Cu., Nb.	10	o.c.4s.	—
,,	16		—	SSE	4	29·52	30·5	30·5	—	St.-Cu., Nb.	10	o.c.p.s.	—
,,	20		—	SW	3 4	29·60	30·4	30·4	A.-Cu.	St.-Cu., Nb.	6	b.c.	—
,,	24		—	SSW	3	29·65	31·2	30·2	—	St.-Cu., Cu.	10	c.	—
27	4		—	S	4	29·65	30·2	29·0	—	Cu.-St., St.	10	o.c.	
,,	8		—	S	4–5	29·63	29·9	29·9	—	St.-Cu., St.	10	o.c.2s.	—
,,	12	64 56	175 30	SSE	4	29·64	30·3	29·0	A.-Cu.	Cu., St.-Cu., St.	5	b.c.	—
,,	16		—	S	4	29·69	29·8	28·9	—	Cu., St.-Cu., Nb.	10	o.c.2s.	—
,,	20		—	S	2	29·77	29·8	28·4	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	24		—	S	2–3	29·84	28·2	27·4	A.-Cu.	Nb., St.-Cu., St.	7	b.c.	—
28	4		—	S	3	29·87	28·2	—	—	St.-Cu., Cu., St.	10	o.c.	—
,,	8		—	S	3–4	29·89	30·4	27·5	—	St.-Cu., Cu.	6	b.c.	—
,,	12	66 20	177 11	S	4	29·88	29·9	27·5	—	St.-Cu., Cu.	10	o.c.	—
,,	16		—	S	3–4	29·85	—	—	—	Cu., St.-Cu., Nb.	9	o.c.	—
,,	20		—	S	4	29·85	—	—	—	Cu., St.-Cu.	9	c.	—
,,	24		—	SW	2	29·87	24·5	23·6	A.-St.	Nb., Cu., St.-Cu.	6	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
SSW	4	S	6	33·8		
Sly	5	SSE	6	35·0	—	Wind slightly gusty. 10.30 : Slight fall of snow. 11 h. : Snow ceased.
Sly	5	S	6	32·6	—	
Sly	5	S	6	33·0	377	15.40 : Heavy shower of hail and snow.
Sly	5	S	6	34·0	—	16 h. : Swell very short. 16 to 20 : Occasional squalls, force 8 to 9, accompanied by snow. 20 h. : Locke drawing water.
Sly	5	S	6	31·8	—	Sun shining through few blue patches in sky. 23.30 : Wind easing in squalls.
Sly	6	S	6	—	—	
S	5	S	6	33·5	—	Morning : Intervals of fog Frequent snow squalls, sometimes heavy. Snowing most of forenoon.
S	5	S	6	32·0	—	
S	5	S	6	31·0	404	12.30 : Wind shifted to SE. Swell decreasing.
S	4	S	5	30·8	—	Afternoon : Showers of snow.
Sly	3	Sly	4	30·8	—	
SEly	4	SEly	4	—	—	22.30 : Light fall of snow
SSE	4	SSE	3	30·8	—	Morning : Snow (slight) on and off all watch.
SSE	4	SSE	3	32·8	—	8.30 to 11.30 : Occasional very light falls of snow. 11.30 : Sky cleared
SE	3	SE	4	33·1	—	Afternoon : Slight snow at intervals
SE	3	SE	4	31·0	—	17.30 : Whole sky covered with A.-Cu., except to SW, Nb. and snowstorms. 20 h. : Slight swell from SE. 22.30 : Passing snow squall. First : Long swell from NW sensible.
	In	pack		30·0	—	
	,,	,,		—	—	
	,,	,,		—	—	4 h. : Bright sky to northward. Long low swell in pack, direction uncertain, also at 8 h.
	,,	,,		30·0	—	
	,,	,,		30·4	—	Noon : Although overcast at noon, most of the forenoon showed blue sky, Cu. and St.-Cu. 12.5 : Wind force 5. 16 h. :
	,,	,,		30·5	—	Snowing on horizon to southwards.
	,,	,,		29·5	—	
	,,	,,		—	—	Midnight : Snow on horizon.

TABLE 87. METEOROLOGICAL LOG

2nd Voyage. December 15th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1911.													
		° ′	° ′			Inches.	° F.	° F.					
29	8	2 h. : Stopped by pack	W.	SW	2	29·86	26·8	—	—	—	0	b.	—
,,	12	66 46	177 48	S	2	29·85	30·4	—	A.-Cu.	Cu.	1	b.	—
,,	16	—		S	1	29·83	—	—	A.-Cu., Ci.	—	5	b.c.	—
,,	20	—		NNE	1	29·83	26·5	25·5	Ci., Ci.-St., A.-St.	—	5	b.c.	—
30	4	—		NNE	4	29·77	29·0	27·4	—	St.	10	o.c.	—
,,	8	—		NNE	4	29·72	28·3	26·7	—	St.-Cu., St.	10	o.c.	—
,,	12	66 46	W. 177 48	NNE	4–5	29·69	29·5	28·9	—	St.-Cu., St.	10	o.c.	—
,,	16	—		NNE	5–6	29·63	30·0	28·4	—	Nb.	10	o.c.s.q.	—
,,	20	—		NNE	5–6	29·60	—	29·0	—	Nb.	10	o.c.4s.	—
31	4	6 h. : Proceeded		NNE	5	29·53	—	—	—	Nb.	10	o.4s.	—
,,	8	—		NNE	5	29·49	—	30·5	—	Nb.	10	o.4s.4f.	2
,,	12	66 56	177 43	NNE	5	29·40	—	31·5	—	Nb.	10	o.2s.4f.	3
,,	16	—		NNW	4	29·42	32·0	31·0	A.-Cu., Ci.-St., Ci.	St., St.-Cu.	5	b.c.	—
,,	20	—		NNW	4	29·43	32·0	31·5	—	St.-Cu.	10	o.c.	—
,,	24	—		NNW	4	29·40	—	—	—	Nb.	10	o.s.4f.	2
January, 1912.													
1	4	—		NNW	3	29·35	—	31·0	—	Nb.	10	o.1s.4f.	4
,,	8	—		NNW	3	29·31	—	30·1	—	Nb.	10	o.4s.4f.	2
,,	12	68 44	E. 178 55	N	3	29·28	31·0	30·5	—	St., Nb.	10	o.c.4f.	1
,,	16	—		NW	1	29·27	33·2	31·8	—	St., Nb.	10	o.c.4f.	2
,,	20	—		Calm	0	29·31	32·4	31·0	—	St.-Cu.	10	o.c.	—
,,	24	—		SE	2	29·33	30·0	28·7	—	St.-Cu., St.	10	o.c.	—
2	4	—		ESE	2	29·39	30·0	29·5	—	St.	10	o.	—
,,	8	—		SSE	4–5	29·47	29·6	29·4	—	Nb., St.	10	o.s.	—
,,	12	70 2	175 31	S	5	29·51	29·5	28·5	—	St.-Cu., Cu.. Nb.	10	o.c.s.	—
,,	16	—		SSE	4	29·56	29·6	28·4	—	Cu., St.-Cu.	10	o.c.s.	—
,,	20	—		SSE	4	29·59	29·8	—	A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	24	—		SE	2	29·61	29·8	29·0	A.-Cu., A.-St.	St.-Cu., Cu.	9	c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperatnre.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	1 h.: Few flakes of snow for five minutes. Heavy snow fall on E horizon. 1.45: Commenced to snow (moderate). 7 h.:
	,,	,,		29·8	—	Cu.-St. and A.-St. (4). 8 h.: A little A.-St. and Cu. on horizon. 16 h.: 22½° halo (white) round sun. 20 h.: Portion of 22½° sun
—	—	—	—	—	—	halo, colours in out, dark red, yellow; bluish from sun side out. North side of sun altitude 9½°. Length of colour in vertical
	,,	,,		—	—	arc 2¼°. 21.40: Similar small portion of a 22½° halo, only this time to S of sun and much brighter. Altitnde about same as sun, which is hidden by clouds, and otherwise similar to 20 h observation.
	,,	,,		—	—	Stopped in pack all day.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	16 h.: Commenced to snow (moderate). Dogs: Continuous snow all watch (moderate). 22 h.: Wind increased to force 8.
	,,	,,		—	—	
	,,	,,		—	—	Moderate snow all night.
	,,	,,		29·8	—	
	,,	,,		30·1	430	Noon: Fog lifting. 14 h.: Wind to WNW. Sky clearing.
	,,	,,		29·8	—	16.15: Sky rapidly clouded over with St.-Cu. 16.40: Slight snow for a few minutes. 17.10: Moderate snow. Midnight: The
	,,	,,		29·8	—	wetness of the snow may have been partly due to the warmth surrounding the ship.
	,,	,,		—	—	
—	2	Sly Confused	4	29·9	—	0.45: Moderate snow for 20 minutes. Middle: Rime formed Morning: Snow slight to moderate.
—	3	SSW Confused	4	29·8	—	
—	3	SSW Confused	4	30·5	405	
—	3	NWly	4	—	—	17.30: Wind fell calm. 18 h.: Fog increased in intensity to 3. 19 h.: Fog less intense. 22 to 23: A continuous drizzle (light).
—	0	NWly	4	31·5	—	Swell very confused SE, SW, and WNW, foremost being most in evidence. 23.10: Fog intensity 3. 23.30: Fog lifted.
—	1	NW and SE Conf.	4	31·0	—	23.35: Light breeze from eastward.
ENE	1	SE	4	31·0	—	2–3: Fog (4) and light snow.
ESE	3	SE	4	29·9	—	
ESE	4	ESE	5	30·1	404	
ESE	4	ESE	5	30·2	—	
ESE	3	ESE	4	30·6	—	21 h.: Long striæ of Ci.-St. radiating from W (compass) near horizon and running beyond zenith to about 15° from E.
Ely	3	E by S	4	—	—	22.5: Wind falling light. Midnight: Clouded over. Sea moderating.

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
3	4		—	NE	2	29·59	29·2	27·5	—	Cu., St.-Cu.	9	c.	—
,,	8	9 h.: Off Cape Adare, Robertson Bay		WNW	3	29·54	32·9	29·0	A.-St., A.-Cu., Ci., Ci.-St.	Cu., St.-Cu., St.	3	b.c.	—
,,	12		—	WNW	2	29·51	—	—	A.-St., A.-Cu., Ci., St.	Cu.	3	b.c.	—
,,	16		—	WNW	2	29·45	28·2	—	A.-Cu.	Cu.	6	b.c.	—
,,	24		—	W	2	29·43	24·6	22·8	—	St.-Cu.	8	c.	—
4	4		—	WNW	3	29·42	23·0	22·2	—	St.-Cu.	9	o.c.	—
,,	8		—	WNW	1	29·46	25·0	—	—	St.-Cu.	10	o.c.	—
,,	12	Entrance to Robertson Bay		WSW	1	29·52	26·7	—	Ci., Ci.-St., A.-St.	St.-Cu.	7	c.	—
,,	21.15	21 30: Proceeded		SSE	2	29·59	29·5	27·6	A.-Cu.	St.-Cu., Cu.	8	c.	—
,,	24		—	SE	2–3	29·60	29·2	27·0	A.-Cu.	St.-Cu., Cu.	8	c.	—
5	4		—	SE	2	29·62	28·2	26·4	Ci.	Cu., St.-Cu.	4	b.c.	—
,,	8		—	SE	2	29·63	28·5	26·8	—	Cu., St.-Cu.	10	o.c.	—
,,	12	72 19	172 5	NE	1	29·63	29·2	26·5	—	St.-Cu., Cu.	10	o.c.	—
,,	16		—	NE	2	29·63	32·0	28·8	—	Cu., St.-Cu.	10	o.c.	—
,,	20		—	ENE	2–3	29·62	30·5	28·0	—	Cu., St.-Cu.	10	c.	—
6	4		—	NE	2	29·59	31·5	—	—	St.	—	o.c.s.	—
,,	9·30		—	Calm	0	29·55	—	—	A.-Cu.	St.-Cu., St., Nb.	9	o.3s.	—
,,	12	74 0	171 18	ENE	1	29·53	30·5	28·0	Ci.-St., A.-Cu.	St.-Cu., Cu., Nb.	6	b.c.s.	—
,,	16		—	SE	1	29·50	—	—	Ci., Ci.-St., Ci.-Cu., A.-St.	St.-Cu., Cu., Nb.	4	b.c.3s.	—
,,	20		—	N	1	29·49	32·0	30·0	A.-St., A.-Cu.	St.-Cu., Cu.	6	b.c.	—
,,	24		—	NW	1–2	29·45	31·0	—	Ci., A.-St., Ci.-St.	St.-Cu., Cu.	3	b.c.	—
7	4		—	NNW	3	29·39	29·5	28·0	Ci., A.-St.	Cu., St.	4	b.c.	—
,,	8		—	NW	2	29·34	29·8	27·9	Ci., A.-St.	Cu., St.	3	b.c.	—
,,	12	75 15	168 37	W	2	29·31	—	—	Ci., A.-St.	Cu., St.	2	b.c.	—
,,	16		—	WNW	2	29·25	—	—	Ci., A.-St.	St., Cu.	2	b.c.	—
,,	20		—	WSW	2	29·22	32·0	30·0	Ci.	St., Cu.	2	b.c.	—
,,	24		—	Calm	0	29·19	26·0	26·0	—	St.	2	b.o.f.	3

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NE	2	Ely	2	30·0	—	
SWly	2	SWly	2	—	—	
—	—	—	—	30·8	—	
—	—	—	—	31·0	—	
—	—	—	—	—	—	
—	—	—	—	29·3	—	
	In	pack		30·0	—	
	,,	,,		—	—	
	,,	,,		30·1		23.35 : St.-Cu. breaking, showing A.-Cu. above for about 20 minutes.
	,,	,,		30·2	435	
—	—	—	—	30·8	—	
—	2	—	2	30·6	—	
—	2	—	2	31·0	440	
—	2	—	2	31·6	—	
—	2	—	3	30·6	—	
	In	pack		—	—	3 to 4 h. : Thick, with fine snow.
	,,	,,		30·4	—	4 to 8 : Snow showers frequent (moderate).
	,,	,,		32·0	428	12 to 16 : Snowing (slight) most of afternoon, sometimes from a blue sky.
	,,	,,		32·5	—	16 h. : Snowing on horizon, general appearance of sky being a cirrus grey.
	,,	,,		32·0	—	
	,,	,,		—	—	23 h. : Wind backed from NW to SW.
	,,	,,		32·0	—	
	,,	,,		32·0	—	
	,,	,,		32·0	—	
	,,	,,		32·8	—	Remarkable difference in colour of sea.
	,,	,,		35·5	—	21.30 : Heavy fog bank stretching right across horizon to southward.
	,,	,,		30·2 22 h.	—	23.20 : Ran into fog bank.

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind		Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
									Upper.	Lower.			
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
8	4	2 h. : Stopped		SSE	1	29·16	24·8	22·0	—	St.	10	o.4f.	4
,,	8	Stopped in pack. 8.30 : Proceeded		NNE	1	29·10	—	21·8	—	St.	10	o.4f.	3
,,	12	75 31	166 20	SSW	2–3	29·07	25·2	24·8	—	Cu., St.-Cu.	8	c.2f.	—
,,	16	—		SSW	2–3	29·06	27·8	25·8	—	Cu., St.-Cu.	3	b.c.	—
,,	20	—		SW	2	29·03	29·9	28·0	A.-St., Ci., Ci.-St.	Cu., St.-Cu.	2	b.c.	—
,,	24	—		S	3	29·00	24·0	—	A.-St.	St.-Cu., Cu.	2	b.c.	—
9	4	0.40 : Proceeded		SSW	3–1	29·02	26·2	25·0	A.-St.	St.-Cu., St.	2	b.m.	—
,,	8	7.40 : Stopped		WSW	2–3	29·02	28·5	—	—	Cu., St.-Cu.	9	o.c.	—
,,	12	75 23	164 39	WSW	2–3	29·04	27·8	27·2	A.-Cu.	Cu., St.-Cu., Nb.	7	c.	—
,,	16	—		SSE	3	29·09	27·5	26·9	—	Cu., St.-Cu., Nb.	10	o.c.2s.	—
,,	20	20.20 : Proceeded		SE	2–3	29·13	27·0	26·5	—	St.-Cu., Nb.	10	o.c.4s.	—
,,	24	23.30 : Stopped		ENE	3	29·20	26·5	26·2	—	St.-Cu., Nb.	10	o.c.s.	—
10	4	2.50 : Proceeded		ESE	3	29·24	26·5	—	—	St.	9	o.	—
,,	8	11 h. : Stopped in pack		SE	2–3	29·30	26·5	25·2	—	St.-Cu., Cu.	10	o.c.	—
,,	12	76 3	165 55	ENE	2	29·35	24·6	23·8	—	St.-Cu., Cu.	9	o.c.	—
,,	16	—		SSE	3	29·39	25·0	23·9	—	St.-Cu., Cu.	9	o.c.	—
,,	20	—		S	3	29·39	24·0	23·6	—	St.-Cu., Cu.	10	o.c.	—
11	8	—		WSW	2–3	29·41	23·5	22·6	A.-Cu., A.-St.	Cu., St.-Cu., St.	6	b.c.	—
,,	12	76 2	165 55	Calm	0	29·40	25·3	—	—	Cu., St.-Cu.	1	b.	—
,,	16	—		NNW	3	29·33	26·2	24·5	A.-Cu., A.-St.	Cu., St.	2	b.c.	—
,,	20	—		WSW	2–3	29·28	22·8	22·2	—	Cu., St.-Cu.	1	b.	—
,,	24	23 h. : Proceeded		WSW	1	29·27	19·3	—	—	Cu.	1	b.	—
12	4	—		W	2	29·19	24·0	22·0	—	St.	1	b.	—
,,	8	—		WNW	1	29·14	22·5	—	A.-St.	Cu.	1	b.	—
,,	12	76 42	167 12	WSW	2–3	29·13	26·2	24·8	A.-St.	Cu.	1	b.	—
,,	16	15 h. : Stopped off Beaufort Island		SSW	2	29·11	29·9	28·0	—	Cu.	1	b.	—
,,	20	—		SSW	2	29·07	28·3	26·2	A.-St.	Cu., St.-Cu.	1	b.	—
13	8	—		SW	1–2	29·07	22·6	21·4	A.-Cu. A.-St.	Cu.	1	b.	—
,,	12	76 54	166 39	ESE	2	29·12	28·2	26·8	—	Cu., St.	3	b.e.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			32·0	—	0 h.: A white "rainbow" on fog opposite sun, about 25° high and 35° from point to point, about two-thirds of a circle. 7.55: Fog lifting. 8 h.: Rime on all rigging.
	,,	,,		32·0	—	
	,,	,,		32·2	—	
	,,	,,		33·5	—	
	,,	,,		35·6	—	20 h.: Sea lighter than at noon and quite yellowish-green in sun. 21 h.: Ship secured alongside fast ice.
	,,	,,		29·5	—	
	,,	,,		30·8	—	
	,,	,,		—	—	
	,,	,,		—	—	Noon: Snowing on horizon. 15 h.: Snow (moderate); slight snow for an hour before. Dogs: Heavy snow. First: Intermittent snow all watch. 22.40: Sudden shift of wind from NE to N by W. 23.30: Very heavy fall of show lasting to 2 h.
	,,	,,		32·5	—	
	,,	,,		32·0	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		30·5	—	
	,,	,,		28·8	315	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		30·5	—	
	,,	,,		—	—	
	,,	,,		30·2	320	
	,,	,,		30·0	—	
	,,	,,		—	—	
—	—	—	—	31·2	—	
SE	2	—	—	30·5	—	
—	2	—	—	30·6	310	
—	2	—	—	30·8	—	
—	2	—	—	32·0	—	
—	1	—	—	32·0	—	
—	—	—	—	31·5	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
13	16		—	E	3–4	29·12	26·1	25·2	—	Cu.	6	b.c.	—
,,	20		—	E	4–5	29·18	22·9	22·4	—	St.-Cu.	7	c.	—
,,	24		—	ESE	3	29·18	25·1	23·4	—	St.-Cu., Cu.	7	c.	—
14	4		—	SSW	2	29·20	23·5	22·8	—	Cu, St.-Cu., Nb.	9	c.s.	—
,,	8		—	SSW	2	29·22	24·4	22·6	—	Cu., St.-Cu.	9	c.	—
,,	12	77 15	166 0	S	2	29·24	22·5	21·5	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16		—	S	2	29·29	32·8	31·6	A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	20		—	SSW	2	29·35	27·5	26·3	—	Cu., St.-Cu., Nb.	9	c.s.	—
,,	24		—	E	1–2	29·41	24·5	23·8	—	St.	10	o.s.	—
15	8		—	S	2	29·43	23·0	22·5	A.-St. A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	12	77 15	166 0	S	2	29·46	28·0	27·0	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16		—	Calm	0	29·45	34·2	31·5	A.-Cu.	Cu., St.-Cu.	9	c.f.	—
,,	20		—	Calm	0	29·44	32·1	30·6	—	Cu., St.-Cu., Nb.	10	4s.c.f.	—
,,	24		—	ENE	0–1	29·45	27·9	27·9	A.-Cu.	St., St.-Cu., Nb.	8	4s.c.4i	—
16	4		—	Var.	1	29·44	29·8	28·0	—	St.	10	o.c.	—
,,	8		—	SW	2	29·48	26·5	25·0	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	12	77 15	166 0	WSW	2	29·45	27·0	26·8	A.-Cu.	Cu.	5	b.c.	—
,,	16		—	WSW	2	29·43	25·0	24·2	A.-Cu., Ci.-St.	Cu.	3	b.c.	—
,,	20		—	SSW	1	29·45	26·2	25·4	Ci.-St.	Cu.	2	b.c.	—
,,	24		—	SSW	1	29·45	18·6	17·8	Ci.-St.	St.	2	b.4f.	—
17	4		—	Calm	0	29·43	16·5	16·0	—	St.	10	b.4f.	4
,,	8		—	Calm	0	29·36	19·6	17·8	—	—	—	b.4f.	4
,,	12	77 22	165 22	NNW	1–2	29·39	30·4	28·9	Ci.-St., A.-St.	Cu.	3	b.c.	—
,,	16		—	NNW	2	29·38	32·5	30·8	Ci., Ci.-St. A.-St.	Cu.	3	b.c.	—
,,	20		—	S	2–3	29·39	25·3	24·7	—	Cu., St.-Cu., St.	9	c.	—
18	4		—	S	4–5	29·42	14·8	—	—	St.	10	o.q.s.	—
,,	8		—	SE	5–6	29·49	14·0	14·0	—	St., Nb.	10	o.4s.	—
,,	12	77 22	165 22	S	5–6	29·47	14·7	14·4	—	St., Nb.	10	o.4s.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	3	—	—	31·6	—	
	In pack			29·0	—	
	,,	,,		30·2	—	Midnight: Wind probably affected by Cape Bird peninsula.
	,,	,,		30·5	—	2 to 4 h.: Very light snow falling. Considerable fall over land.
	,,	,,		30·3	—	
	,,	,,		30·6	365	
	,,	,,		—	—	19.45: Commenced to snow (slight).
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		30·0	—	
	,,	,,		30·5	385	
	,,	,,		—	—	17.30: Slight sleet (snow and rain mixed). First: Slight snow and sleet all watch. Sun shining faintly all the time and clouds breaking at 23.45. Midnight: Mock sun in 22½° halo on right of sun, only part of halo visible. From sun side out, red, yellowish, bluish.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		31·0	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	8 h.: Rime on rigging. 10.15: Fog lifted. 10.30: Two bands of Ci.-St. running from behind Mount Erebus (WNW by compass and WSW) to horizon; ESE by compass. Each line about 2° broad in the zenith. The actual clouds forming the bands were all small and lying at right angles to the direction of the bands.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	2 h.: Slight snow. 3 to 4: Snow increasing.
	,,	,,		—	—	Forenoon: Snow moderate.
	,,	,,		28·5	—	Afternoon: Snow slight.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
18	16		—	S	5	29·50	14·8	14·6	—	St., Nb.	10	o.4s.	—
,,	20		—	S	4	29·51	14·8	14·5	—	St., Nb.	10	o.2s.	—
19	8		—	S	2	29·55	15·6	15·4	—	St., Nb.	10	o.c.s.	—
,,	12	77 15	165 0	SSE	1	29·52	20·6	19·8	—	St.-Cu., Nb.	10	o.c.s.	—
,,	16		—	SSE	2	29·49	23·0	—	—	St., St.-Cu., Nb.	10	o.c.s.	—
,,	20		—	E	2	29·47	25·2	24·4	—	St.-Cu., Nb.	10	o.c.	—
20	8		—	SW	0–1	29·40	21·8	21·2	—	St.-Cu., Cu.	8	c.	—
,,	12	77 11	164 13	SSW	2–3	29·40	22·4	21·3	A.-St., A.-Cu.	St.-Cu., Cu.	2	b.c.	—
,,	16		—	SW	2	29·41	26·5	25·3	—	Cu.	1	b.	—
,,	20		—	SW	2	29·40	26·5	—	—	—	0	b.	—
21	8		—	ENE	2	29·37	17·0	16·5	—	—	0	b.	—
,,	12	77 5	164 23	WSW	1	29·36	17·8	16·8	—	Cu.	1	b.	—
,,	16		—	W	1	29·34	—	—	—	Cu.	1	b.	=
,,	20		—	Calm	0	29·34	26·4	25·0	—	—	0	b.	—
,,	24		—	SSW	1	29·36	18·1	—	—	—	0	b.	—
22	8		—	SSE	3–4	29·43	18·4	17·5	A.-Cu.	Cu., St.-Cu.	2	b.c.	—
,,	12	77 26	165 17	S	5	29·53	19·5	18·9	A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	16		—	SSE	5	29·58	18·9	17·8	A.-St., A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	20		—	SSE	5	29·63	17·4	16·6	A.-Cu.	Cu., St.-Cu.	8	c.	—
23	8		—	WNW	1	29·72	25·9	23·0	A.-Cu.	Cu.	1	b.	—
,,	12	77 13	164 18	SW	1	29·74	23·4	21·5	A.-Cu.	Cu.	1	b.	—
,,	16		—	W	0–1	29·73	22·6	21·4	—	—	0	b.	—
,,	20		—	NNW	1	29·73	19·5	17·2	—	St., St.-Cu.	3	b.c.	—
,,	24		—	SSW	1–2	29·69	17·0	16·0	—	St.-Cu.	1	b.	—
24	4		—	SW	1	29·68	10·0	—	—	—	—	f.	4
,,	8		—	SW	1	29·67	15·2	14·6	A.-Cu.	—	3	b.c.	—
,,	12	77 5	164 17	S	2	29·64	—	—	A.-Cu.	Cu.	3	b.c.	—
,,	16		—	S	2	29·62	—	—	A.-Cu.	Cu.	2	b.c.	—
,,	20		—	S	2	29·58	25·2	—	A.-St., A.-Cu.	Cu.	3	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	Dogs : Snowing off and on.
	,,	,,		—	—	
	,,	,,		—	—	Forenoon : Very slight snow falling.
	,,	,,		—	—	Snow slight to moderate all day.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		29·3	—	
	,,	,,		—	—	20 h. : A little Cu. on mountains.
	,,	,,		—	—	8 h. : A little Cu. on mountains.
	,,	,,		—	—	
	,,	,,		29·5	—	
	,,	,,		31·0	280	20 : A little Cu. on mountains, also streaks of St. Great deal of mirage.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		29·0	310	Mirage afternoon and evening.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		— 31·2 (10 h)	—	8 h. : Great mirage. 16 h. : A little Cu. round Erebus and C. Bird. 22 h. : St.-Cu. and St. (1). Considerable mirage. Midnight : Curious low mist drifting over surface of water like loose white smoke, about eight to four feet up and only as far as 200 yards from edge of fast ice, throwing objects up and distorting them.
	,,	,,		31·0	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	2 h. : Fog increasing and rising to about 30 ft.
	,,	,,		—	—	
	,,	,,		30·0	—	Noon : Brocken spectre round mainmast truck.
	,,	,,		—	—	
	,,	,,		—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notarion.	Fog Intensity (0–5).
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
24	24		—	W	—	29·57	21·9	—	Ci.-Cu., A.-Cu.	Cu.	3	b.c.	—
25	4		—	WSW	1	29·59	18·5	17·8	—	St.	1	b.f.	1
,,	8		—	S	2	29·55	21·3	20·8	A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	12	76 55	164 12	S	3	29·55	21·5	21·5	—	Cu., St.-Cu.	3	b.c.	—
,,	16		—	SSW	3	29·53	23·6	22·8	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	20		—	SSW	3	29·53	27·2	25·5	A.-Cu.	Cu.	2	b.c.	—
,,	24		—	S	3	29·53	25·5	23·5	A.-Cu.	Cu.	2	b.c.	—
26	4		—	WSW	2	29·51	24·0	22·8	A.-St.	—	1	b.	—
,,	8		—	SSE	6–7	29·50	24·0	22·9	A.-Cu., A.-St.	St., Cu.	6	b.c.	—
,,	12	77 25	165 50	SE	6–7	29·54	27·0	26·2	Ci.-Cu., Ci.-St., A.-St., A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	16		—	SSE	4–5	29·56	24·9	23·8	Ci.-Cu., Ci.-St., A.-St., A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	20		—	SSE	4–5	29·54	25·2	24·0	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	24		—	SSW	5–6	—	—	—	—	—	—	—	—
27	4		—	SSE	8–6	29·57	31·8	31·0	—	St.-Cu., St.	9	o.c.	—
,,	8		—	SSE	8–9	29·56	31·9	30·5	Ci.-St., Ci.-Cu., A.-Cu., A.-St.	St.-Cu., Cu., St.	6	c.	—
,,	12	77 5	164 30	ESE	9	29·54	33·9	30·2	Ci.-St., Ci.-Cu., A.-Cu., A.-St.	St.-Cu., Cu., St.	7	c.	—
,,	16		—	SSE	9	29·57	34·5	31·4	Ci.-St., A.-St., A.-Cu.	St.-Cu., Cu., St.	5	b.c.	—
,,	20		—	SW	5	29·59	32·4	27·4	Ci.-St., A.-Cu., A.-St.	St.	4	b.c.	—
,,	24		—	S	5–6	29·58	25·5	23·5	Ci.-St., A.-St.	St.	—	b.c.q.	—
28	4		—	SW	5–4	29·56	26·0	25·0	Ci.	—	1	b.	—
,,	8		—	SSE	1	29·49	26·2	—	—	—	0	b.	—
,,	12	76 54	164 30	NE	1	29·46	31·4	29·5	—	—	0	b.	—
,,	16		—	E	1	29·43	32·4	30·9	—	St.-Cu.	1	b.	—
,,	20		—	ESE	1	29·42	30·8	29·8	—	St.	1	b.	—
,,	24		—	SSE	3	29·42	28·6	26·0	—	—	0	b.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			30·4	305	
	,,	,,		—	—	
	,,	,,		30·0	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		30·5	—	
	,,	,,		—	—	
	,,	,,		—	—	Ice much miraged. 8 h.: Wind increased suddenly from force 3 to 6–7.
	,,	,,		30·2	—	
	,,	,,		—	—	
	,,	,,		—	—	15.30: Ship commenced to be carried out with ice.
	,,	,,		—	—	20.30: Band of A.-St. and Ci.-St. stretching right across heavens from NW by N to SE by S, much the same as on 17th.
	,,	,,		—	—	
	,,	,,		—	—	1.30: Wind NNE, force 8. 2.30: Wind shifted suddenly from N to NE and lulled. 3 to 4 h.: Wind varying from N to NE and from force 8 to 6. 11 h.: General nature of clouds stratiform. St.-Cu. with some Ci.-St. showing, but also a little Ci.-Cu. in places, amount 8. Cu. over Mount Erebus. 16 h.: Wind unsteady in direction. 17 h.: Wind easing. 19 h: Wind, which had been NNW, veered to N, force 6. Wind increasing at 23 h
	,,	,,		30·2	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	0 h. to 4 h: Wind steady and lulling slowly.
	,,	,,		29·5	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
29	4	—	—	SSW	4	29·42	23·8	22·8	—	Cu., St.-Cu., St.	7	c.	—
,,	8	—	—	SSW	4–5	29·42	23·2	22·5	—	St.-Cu.	3	b.c.	—
,,	12	76 44	164 30	S	4	29·43	—	—	A.-St., A.-Cu.	Cu., St.-Cu., St.	5	b.c.	—
,,	16	—	—	S	2	29·41	31·0	28·6	A.-St., A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	20	—	—	SE	2	29·42	30·5	28·9	A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	24	—	—	SSW	3–4	29·43	24·0	23·0	—	St.-Cu., St.	9	c.	—
30	4	—	—	SSW	3	29·45	23·3	22·5	—	St.-Cu., St.	10	o.	—
,,	8	—	—	SSW	3	29·43	24·5	23·0	A.-Cu.	St.-Cu., Cu.	7	c.	—
,,	12	76 41	164 26	SSE	2	29·44	25·5	24·4	A.-Cu.	St., St.-Cu., Cu.	6	b.c.	—
,,	16	—	—	Calm	0	29·44	—	—	Ci.-Cu., A.-Cu.	St.-Cu., Cu.	2	b.	—
,,	20	—	—	W	2	29·44	29·2	27·0	A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	24	—	—	NNE	3	29·43	28·0	26·0	A.-Cu.	St.-Cu.	8	b.c.	—
31	4	—	—	NNW	4	29·42	27·3	25·8	—	St.-Cu., St.	9	o.c.s.	—
,,	8	At edge of fast ice		N	2–3	29·40	25·4	23·6	A.-St., A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	12	77 32	165 38	NW	3	29·39	29·8	27·5	A.-St., A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	16	—	—	N	3	29·36	30·0	28·5	—	—	—	—	—
,,	20	—	—	NW	3	29·37	27·5	26·5	A.-St.	Cu., St.-Cu.	8	c.	—
,,	24	—	—	N	0–1	29·39	27·0	26·2	—	Nb.	10	c.s.	—
FEBRUARY, 1912.													
1	4	—	—	Var.	2–0	29·48	27·2	27·0	—	St.-Cu., St.	10	o.s.	—
,,	8	—	—	E	1	29·50	26·4	25·5	—	St.-Cu., Nb., St.	10	o.s.	—
,,	12	77 28	165 35	N	2	29·49	30·0	28·5	—	Cu., St.-Cu., Nb.	10	o.c.	—
,,	16	—	—	N	3	29·47	28·6	26·9	—	Cu., St.-Cu., Nb.	10	o.c.	—
,,	20	—	—	NNW	3	29·37	28·4	27·2	—	Cu., St.-Cu.	10	o.c.	—
,,	24	—	—	SSW	1–2	29·37	26·9	—	—	St.-Cu.	9	o.c.	—
2	4	—	—	SSE	2–3	29·35	24·2	24·0	A.-Cu.	Cu., St.	6	b.c.	—
,,	8	—	—	S	2–3	29·35	22·7	22·3	A.-St., A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	12	77 24	165 32	S	2	29·36	25·4	23·8	A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	16	—	—	SE	2	29·37	26·2	24·8	A.-Cu.	Cu., St.-Cu.	4	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	
	,,	,,		29·0	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		29·1	—	Forenoon : Considerable mirage and distortion of distant objects. Noon : Ship commenced making way through pack.
	,,	,,		29·4	—	
	,,	,,		—	—	
	,,	,,		31·0	—	20 h. : Wind SW, force 1 to 2.
	,,	,,		—	—	23.30 : Breeze freshened from SW by S.
	,,	,,		—	—	0 to 4 : Very light snow throughout.
	,,	,,		29·8	—	
	,,	,,		31·0	—	
	,,	,,		—	—	
	,,	,,		—	—	21.45 : Began to snow (25 minutes, light fall).
	,,	,,		—	—	23.30 : Snow till end of watch.
	,,	,,		—	—	0 to 4 : Snow, light to moderate throughout.
	,,	,,		—	—	
	,,	,,		31·0	354	
	,,	,,		—	—	
	,,	,,		—	—	21 h. : Wind shifted suddenly to ENE, force 1 to 2.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		31·0	—	Forenoon : Mirage without distortion.
	,,	,,		31·2	330	
	,,	,,		—	—	

Time.		Position.	Wind.		Barometer Corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
								Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S. Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.		° ′ ° ′			Inches.	° F.	° F.					
2	20	—	—	—	29·39	—	—	—	—	—	—	—
,,	22·30	—	SE	2	29·43	24·0	21·5	—	Cu., St.-Cu., Nb.	9	c.	—
,,	24	—	SE	2	29·45	23·8	21·5	—	Cu., St.-Cu., Nb.	8	o.c.½s.	—
3	4	—	Calm	0	29·47	22·5	21·5	A.-Cu.	St., Cu., St.-Cu., Nb.	7	b.c.	—
,,	8	—	E	1	29·53	23·4	22·8	A.-Cu.	Nb., Cu., St.-Cu., St.	7	b.c.	—
,,	12	Off Cape Barnes	SE	1	29·59	24·9	24·0	A.-Cu	Cu., St.-Cu.	7	b.c.	—
,,	16	—	SE	1	29·66	24·4	23·0	A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	20	—	SE	1	29·71	27·5	25·2	A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	24	—	SSE	Light Airs	29·73	22·5	—	A.-Cu.	St.-Cu.	8	c.	—
4	4	—	SSE	1	29·76	20·0	18·7	Ci., A.-Cu.	St.-Cu., St.	8	c.	—
,,	8	—	ESE	2–3	29·78	23·8	22·2	A.-Cu.	Cu., St.-Cu., St.	6	b.c.	—
,,	12	Off Cape Barnes	SE	2	29·79	24·5	22·4	A.-St., A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	16	—	SSE	3	29·75	—	—	A.-St., A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	20	—	SE	1	29·74	—	—	A.-Cu., Ci.-Cu., Ci.-St., A.-St.	Cu., St.-Cu.	4	b.c.	—
,,	24	—	SSW	1	29·72	25·6	24·8	Ci.-St., Ci.-Cu., St.-Cu., A.-St.	Cu., St.-Cu.	3	b.c.	—
5	4	—	WSW	1–2	29·70	17·8	17·4	A.-Cu.	Cu., St.-Cu., St.	5	b.c.	—
,,	8	—	S	1–2	29·66	26·5	24·8	A.-Cu., Ci.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	12	Off Cape Barnes	SSW	1–2	29·66	—	—	A.-Cu., Ci.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	16	—	SE	7–8	29·67	—	—	A.-Cu., Ci.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	20	—	ESE	9	29·73	—	—	A.-Cu., Ci.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	24	—	SE	7–8	29·75	24·0	21·8	A.-Cu., Ci.	Nb., St.-Cu.	7	b.c.	—
6	4	—	SE	5–6	29·84	26·5	23·1	—	Cu., St.-Cu., St.	8	c.q.	—
,,	8	—	SE	7	29·89	22·2	19·4	A.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	12	Between Cape Royds and Bird Peninsula	SSE	8	29·91	24·2	20·6	A.-Cu., A.-St.	Cu., St.-Cu.	5	b.c.	—
,,	16	—	S	6–5	29·90	—	—	A.-Cu., A.-St.	Cu., St.-Cu.	3	b.c.	—
,,	20	—	SE	5–6	29·91	20·1	18·0	Ci.-Cu., A.-Cu., A.-St.	Cu., St.-Cu.	2	b.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	22 h.: Mirage and distortion of distant objects. 22.30: Commenced to snow (slight).
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		31·4	355	
	,,	,,		—	—	16 h.: Slight mirage.
	,,	,,		—	—	
	,,	,,		—	—	Middle: Mirage.
	,,	,,		—	—	3.45: A very light snow shower.
	,,	,,		—	—	8 h.: Mirage.
	,,	,,		31·0	—	Noon: Mirage.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		30·5	—	
	,,	,,		—	—	
	,,	,,		31·3	—	
	,,	,,		31·3	—	Noon: Whale-back clouds over Erebus. 13 to 14: Wind gradually increasing, reaching force 6 to 7; at 16 h. force 7 to 8. 16 h.: Whale-back cloud over Erebus. 20 h.: Northerly (true) swell. First: Frequent lulls in wind. Force occasionally dropping to 6.
	,,	,,		—	—	
	,,	,,		31·5	210 in sun, 255 in shade	
	,,	,,		—	—	
	,,	,,		—	—	2 h.: Wind gusty, lulling to force 6 at times. 3 h.: Wind freshened again slightly.
	,,	,,		—	—	
	,,	,,		—	255	13.30: Wind from NNW to N, and lulling. 17 h.: Wind inclined to increase, but gusty. Slight mirage.
	,,	,,		—	—	
	,,	,,		—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
7	8	—		S	1–2	29·85	15·4	15·2	Ci.-St., A.-Cu., A.-St.	—	2	b.	—
,,	13.30	Off Cape Barnes		S	1–2	29·80	18·6	18·2	Ci., A.-Cu., A.-St.	—	6	b.c.	—
8	13	Off Cape Barnes		ESE	2–3	29·74	25·2	24·6	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	21	—		SSE	1–2	29·69	19·5	19·0	—	St.-Cu., Nb.	10	o.c.3s.	—
,,	22	—		SSE	3–4	29·59	18·5	17·8	—	Nb.	10	o.c.s.	—
9	12	Off Cape Barnes		—	—	—	—	—	—	St.-Cu., St., Nb.	—	o.c.v.	All day average
10	9	—		NNW	3–4	29·51	27·0	24·5	A.-Cu.	Cu., St.-Cu., St.	9	o.c.v.	—
,,	12	Off Cape Barnes		NW	4	29·50	28·0	25·6	A.-Cu.	St.-Cu., St.	10	o.c.	—
,,	20	—		NNW	3	29·48	27·5	25·2	—	St.-Cu., St.	10	o.c.	—
11	8	—		ESE	6–7	29·56	20·5	19·3	A.-Cu.	Nb., St.-Cu., St.	9	o.c.s.	—
,,	12	—		SE	8	29·60	20·5	19·8	A.-Cu.	St.-Cu., St.	9	o.c.	—
,,	16	Off Cape Royds		SE	8	29·59	18·6	18·2	A.-Cu.	St.-Cu.	7	o.c.	—
,,	20	—		SE	7	29·58	—	—	Ci.-Cu., A.-Cu.	St.-Cu., Cu.	4	b.c.	—
12	8	—		SE	3	29·60	14·8	14·2	A.-Cu.	St.-Cu., Cu.	7	c.	—
,,	12	Off Cape Evans		Calm	0	29·59	18·2	17·5	Ci.-Cu., A.-Cu.	St. Cu., St.-Cu.	5	b.c.	—
,,	20	—		SE	1	29·58	21·8	21·0	Ci.-Cu., Ci.-St., A.-St.	Cu., St.-Cu.	6	b.c.	—
13	8	—		ESE	1	29·69	19·8	19·2	A.-St., A.-Cu.	Cu., St.-Cu.	2	—	—
,,	12	Off Cape Evans		Calm	0	29·74	28·0	25·0	A.-Cu., A.-St.	Cu., St.-Cu.	5	—	—
,,	16·30	—		ESE	1	29·76	25·2	23·8	A.-Cu.	—	7	—	—
,,	20	—		SE	1	29·78	20·5	18·8	A.-St., A.-Cu., Ci.-Cu.	Cu., St.-Cu.	6	—	—
,,	24	—		ESE	2	29·78	25·8	20·6	A.-St., A.-Cu., Ci.-Cu.	St., St.-Cu.	6	—	—
14	8	—		NNW	2	29·77	21·5	20·6	A.-Cu.	Cu., St.-Cu.	8	c.	—
,,	12	Off Cape Evans		SE	2	29·74	22·0	20·2	A.-Cu.	Nb., Cu., St.-Cu.	9	o.c.4s.	—
,,	16	—		NW	4	29·68	—	—	A.-Cu.	Cu., St.-Cu.	7	b c.	—
,,	20	—		SE	3	29·66	24·8	24·2	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	24	—		SSE to SSW	Var.	29·64	24·5	23·0	Ci.-St., A.-St.	St.-Cu., Cu.	7	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			29·5	—	
	,, ,,			—	—	23 h. : Mirage to seaward all day.
	,, ,,			—	—	Noon : Considerable mirage (Dellbridge Islands). 18 h. : Very slight snow started. 22 h. : Wind increased to force 3 to 4, and snow a little heavier.
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			—	—	Considerable mirage during day. Extreme visibility all day; blue sky (very pale) occasionally appearing over Western Mountains. The photographer remarked that he had not seen the Western Mountains appearing so near during the entire period of his residence. Heavy snow falling occasionally on Western Mountains temporarily obscured view. No snow in vicinity of ship and hut.
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			30·1	—	
	,, ,,			30·2	355	Noon : Sea in Straits, scal 5.
	,, ,,			30·4	—	
	,, ,,			—	—	
	,, ,,			—	—	8 h. : Slight mirage.
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			—	—	Considerable mirage all day.
	,, ,,			29·2 (18.30)	—	
	,, ,,			29·2	—	
	,, ,,			—	—	
	,, ,,			—	—	8 h. : Considerable mirage. Forenoon : Snow falling very slight and very slowly.
	,, ,,			—	—	
	,, ,,			—	—	
	,, ,,			—	—	20 h. : Wind very variable. 21 h. : Wind N to NE, force 1–2. A peculiar SWly choppy sea. Young ice forming. A roaring sound as of pack to SW but no signs of pack; presumably surf on Cape Bird.
	,, ,,			—	—	

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
15	4	—		Calm	0	29·59	25·0	—	Ci., Ci.-Cu., Ci.-St.	St.-Cu., St.	3	b.c.	—
,,	8	Off Butter Point		Calm	0	29·54	20·4	19·0	Ci.-Cu., Ci., Ci.-St.	St.-Cu.	2	b.c.	—
,,	12	—		SSW	1	29·52	23·6	21·4	Ci., Ci.-Cu., A.-Cu., Ci.-St.	St.-Cu.	7	c.	—
,,	16	—		SSE	3–4	29·51	19·0	19·0	—	Nb.	10	o.4s.	—
,,	20	Off Inaccessible Island		ESE	5	29·53	—	15·9	—	Nb.	10	o.4s.	—
,,	24	—		ESE	5	29·53	12·8	12·0	A.-St., Ci.	Nb.	9	o.3s.	—
16	4	—		SE	6–7	29·56	13·8	—	—	St.	10	o.q.4s.	—
,,	8	—		SE	6–7	29·52	—	17·8	—	St.	10	o.q.4s.	—
,,	12	Off Cape Royds		S	4	29·56	21·6	20·4	—	St.-Cu., St., Nb.	10	o.c.4s.	—
,,	16	—		SE	5–6	29·57	18·2	17·6	—	St.-Cu., St., Nb.	10	o.c.2s.	—
,,	20	—		SE	7	29·60	15·1	14·6	—	Nb.	10	o.c.4s.	—
,,	24	—		SSE	4–6	29·63	14·0	13·5	A.-St.	Nb.	10	o.q.3s.	—
17	4	—		S	7–6	29·64	14·0	14·0	—	Nb.	10	o.q.2s.	—
,,	8	—		SSE	7	29·62	—	14·8	—	St., Nb.	10	o.c.q.	—
,,	12	Entrance McMurdo Sound		S	7–8	29·65	16·2	15·8	—	St.-Cu., St., Nb.	10	o.c.q.	—
,,	16	—		S	7–8	29·62	16·9	16·2	—	St.-Cu., St., Nb.	10	o.c.q.	—
,,	20	—		S	5–6	29·62	16·8	—	—	St.-Cu., St.	10	q.o.c.f.	2
,,	24	—		SSW	5–3	29·62	17·0	—	—	St., Nb.	10	o.c.f.q.s.	3
18	4	—		—	—	—	—	—	—	St.-Cu., Nb.	10	o.c.4s.4f.	2
,,	8	—		SE	3	29·55	17·1	—	—	Cu., St.-Cu., St.	10	o.c.	—
,,	12	76 37	165 0	SE	3–4	29·50	15·8	—	—	Nb.	10	o.c.4s.f.	3
,,	16	14.30 : Proceeded		SSE	2	29·39	18·0	—	—	St.-Cu., St.	10	o.c.	—
,,	20	—		S	2	29·31	20·9	—	—	Cu., St.-Cu.	6	b.c.	—
,,	24	—		ESE	1–2	29·26	20·0	—	—	Cu., St.-Cu., Nb.	8	c.	—
19	4	—		NNE	4–5	29·20	18·2	—	A.-Cu.	Cu., St.-Cu., St.	8	o.c.	—
,,	8	—		W	4	29·20	17·0	—	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	12	75 27	166 49	W	4–5	29·23	15·4	—	A.-Cu.	Ci., St.-Cu.	9	o.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	
	,,	,,		—	—	
	,,	,,		—	—	Noon : Ship off Stranded Moraine by Blue Glacier, McMurdo Sound.
	,,	,,		—	—	
	,,	,,		—	—	First : Snow all the watch.
	,,	,,		—	—	Midnight : Thick with fine snow.
	,,	,,		—	—	4 h. : Weather clearing. Morning : Snow slight to moderate.
	,,	,,		—	—	Forenoon : Snow slight to moderate.
	,,	,,		—	—	Afternoon : Snowing at intervals. 13 h. : Wind increased. Dogs : Snow slight, but objects generally obscured at one to two miles.
	,,	,,		—	—	First : Intermittent snow squalls ; wind fell light about 22 h., but again increased.
	,,	,,		—	—	
NE	4	NNW	5	—	—	
NNE	4		Nil	—	—	0–3 : Weather thick with snow. 3–4 : Cleared, snow lighter. Morning : Occasional very slight snow. Limit of visibility 2 miles.
N by W	4	N by W	4	29·5 (9.30)	—	
N by W	6	N by W	6	—	354	
N by W	6	N by W	6	29·5	—	Dogs : Occasional slight falls of snow.
N	6	N	6	—	—	First : Intermittent snow all the watch. 23 h. : Wind started to ease.
N	6	N	6	—	—	
—	—	—	—	—	—	0 h. : Snow moderate and fog intensity 2 all watch. Weather improving after 4 h. and snow ceased. 5 h. : Western Mountains appeared. 6 h. : Sun over all W coast. 8 h. : Brilliant sunshine over Western Mountains. Forenoon : Snow continuous, slight to 11 h., then moderate. 16 h. : Sun on Western Mountains. Mirage. 22.30 : Commenced to snow (moderate). 23.30 : Snow ceased.
	In pack			28·4	—	
	,,	,,		28·2	—	
	,,	,,		—	—	
	,,	,,		—	—	
NWly	2	NWly	6	—	—	
—	—	NW	5	—	—	6 h. : Wind shifted to S.
SE	3	Pack about SE	4	29·0	—	
SE	3	Pack about SE NW	4, 5	28·8	354	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
19	16		—	SW	4–5	29·27	12·5	—	A.-Cu.	Cu., St.-Cu., St.	10	o.c.	—
,,	20		—	SW	6–7	29·26	13·4	—	—	Cu., St.-Cu., St.	10	o.c.	—
,,	24		—	W	8–10	29·25	15·2	—	—	St., Nb.	10	o.q.s.	3
20	4		—	WNW	10	29·29	11·8	—	—	St.	10	o.q.s.	4
,,	8		—	WSW	9–10	29·31	—	10·5	—	St.-Cu., St., Cu.	10	o.q.s.	—
,,	12	74 45	166 35	W	10	29·36	—	—	A.-Cu., Ci.-Cu.	St.-Cu., St.	7	c.q.	—
,,	16		—	W	7–8	29·38	12·7	—	A.-Cu.	St.-Cu., Cu., St.	7	c.q.	—
,,	20		—	W	9	29·37	13·8	—	Ci.-Cu., Ci.-St., A.-Cu.	St.-Cu., St.	5	b.c.q.	—
,,	24		—	WNW	8–10	29·42	12·4	—	Ci.-St., A.-St.	St.-Cu., St.	4	b.c.q.	—
21	4		—	WNW	8–10	29·39	11·1	—	Ci.-St.	St.	3	b.c.q.	—
,,	8		—	SW	8–9	29·38	11·9	—	Ci.-St., Ci.-Cu., A.-Cu.	Cu., St.-Cu., St.	3	b.c.q.	—
,,	12	75 0	169 10	SW	6–7	29·36	12·8	—	A.-Cu., Ci.-St., A.-St.	Cu., St.-Cu., St.	4	b.c.q.	—
,,	16		—	SW	6	29·31	16·0	—	Ci., Ci.-St., Ci.-Cu., A.-St.	Cu., St.-Cu.	5	b.c.	—
,,	20		—	SSW	5	29·31	16·5	—	Ci.-St.	St.-Cu.	3	b.c.	—
,,	24		—	W	2–3	29·31	15·2	—	Ci.-St.	St.-Cu., Cu., Nb.	4	b.c.	—
22	4		—	W	5–6	29·27	15·8	—	A.-Cu.	St.-Cu., Nb.	9	c.	—
,,	8		—	W	4–5	29·29	16·6	—	—	St.-Cu.	10	o.c.	—
,,	12	75 32	168 54	W	4	29·30	16·8	—	—	Cu., St.-Cu.	10	o.c.4s.	—
,,	16		—	NE	2	29·33	18·0	—	—	Cu., St.-Cu.	10	o.c.	—
,,	20		—	SE	6	29·38	—	18·6	—	Nb.	10	o.c.3s.f.	3
,,	24		—	SSE	5	—	—	—	—	—	—	c.4s.	—
23	4		—	S	5–6	29·50	16·6	—	—	St.	10	o.	—
,,	8		—	ESE	5	29·47	17·2	—	—	Cu., St.-Cu., St.	10	o.c.	—
,,	12	75 43	164 20	SE	4	29·53	17·8	—	—	Cu., St.-Cu.	10	o.c.	—
,,	16		—	SSE	3	29·55	18·0	—	A.-Cu.	Cu., St.-Cu.	10	o.c.	—
,,	20		—	ESE	2	29·55	19·0	—	A.-Cu.	Cu., St.-Cu.	10	o.c.	—
,,	24		—	E	1–2	29·55	—	—	—	St., Nb.	10	o.c.$\frac{1}{2}$ps.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	16 h.: Sun shining over mountains. 17 h.: Snow N and S. of ship. Few flakes occasionally falling on ship. 20 h.: Bright sunshine over mountains exposing brilliant yellow sky. 21 h.: Wind increased 7 to 8, squally. 23 h.: Wind increasing, some very heavy squalls.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	0 h.: Snow commenced to fall. 4 h.: Heavy blizzard. Thick with very fine snow. Squalls practically continuous. 8 h.: Sun shining on mountains. A little blue sky exposed, showing A.-Cu. and Ci.-Cu.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		28·8	—	19.55: Wind increased to force 9 (during "Dogs" 6 to 7).
	,,	,,		—	—	23 h.: Squalls increasing in strength and rapidity of sequence.
	,,	,,		—	—	
SE	5	Pack about SE by E	7	—	—	
SE by E	6	SE by E	7	28·8	352	Noon: Wind eased at 11 h. to force 6–7.
SE	6	SE	7	—	—	
SE	5	SE	7	—	—	21.30: Wind S by E, 4–5. Confused Sly and SWly (true) sea.
Sly	4	SE and ENE	6	—	—	23.30: Wind falling light. Heavy bank of Nb. to ENE.
SSE	4	SW	—	—	—	2 h.: Sky clouded over from WNW; a big arch of St.-Cu. Bank of Nb. in SSW. 8 h.: Commenced to snow (slight). Forenoon: Snow very slight all forenoon. Flakes very small and very few. 14 h.: Wind to SW, 3–4. Gradually easing all afternoon, and last hour veering rapidly. 16 h.: The swell is very short, steep and quick. 17 h.: Commenced to snow (heavy). Wind which had been very variable and light to N by E in a squall. Snow lifting and coming down (heavy) and wind in squalls with it up to force 6–7, in intervals dropping to force 3. Very unsteady in direction, varying through about three points, NE being the mean. Snow squalls approaching show quite different colours, more severe being very dark, less severe being whitish. Contrast very marked and nothing to do with blink. 19 to 20 h.: Snow continuous (slight). Squalls heavy.
SSE	4	SE	5	—	—	
SE	4	SE	5	28·8	—	
Sly	4	NE	6	—	354	
NE	5	NE	6	—	—	
—	—	—	—	—	—	
	In pack			—	—	1 h.: Snow ceased. Weather clearing.
	,,	,,		—	—	8 h.: Fine bank of Cu. extending E to N, and sun shining through cloud.
	,,	,,		—	—	Noon: Sun shining through cloud.
	,,	,,		—	—	16 h.: Sun shining through upper cloud.
	,,	,,		—	—	20 h.: Sun shining through clouds. Few patches of blue sky. First: Overcast. Slight snowfall. Midnight: Slight swell.
	,,	,,		—	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.		° ′	° ′			Inches.	° F.	° F.					
24	4	—		E	2	29·56	19·0	—	—	St.	10	o.s.	—
,,	8	—		E	2	29·53	19·0	—	—	St., Nb.	10	o.4s.	—
,,	12	75 45	164 15	NE	2	29·53	20·5	—	—	St., Nb.	10	o.1s.	—
,,	16	—		NNE	3	29·52	—	—	—	Cu., St.-Cu.	10	o.c.s.	—
,,	20	—		NNE	3	—	—	—	—	Cu., St.-Cu.	10	o.c.	—
,,	24	—		N	3–4	29·53	23·2	—	—	St.-Cu., St., Nb.	10	o.c.¼s.	—
25	4	—		S	3–4	29·52	17·0	—	—	St.	10	o.3s.	—
,,	8	—		S	4–5	29·51	13·2	Crystals frost smoke on thermometer.	A.-Cu.	Cu., St.-Cu.	9	o.c.s.	—
,,	12	Off Cape Royds		SE	4	29·50	8·0		A.-Cu., Ci.-St., A.-St.	Cu., St.-Cu.	5	b.c.f.	—
,,	16	—		ESE	7	29·45	2·6		—	Cu.	—	c.4f.	3
,,	20	—		SE	7–8	29·39	—	—	—	St.-Cu.	—	c.4f.	3
26	4	—		SE	6–7	29·35	6·8	—	—	St., St.-Cu.	8	c.q.4f.	1
,,	8	—		SSE	9	29·30	4·8	—	—	Nb.	10	c.q.4f.	3
,,	12	Off Cape Evans		SSE	9–10	29·27	5·5	—	—	Nb.	10	c.q.4f.	3
,,	16	—		S	9	29·26	9·5	—	A.-St.	St.	10	c.q.	—
,,	20	—		S	8–9	29·26	—	—	A.-St.	St., St.-Cu.	6	b.c.q.	—
,,	24	—		S	6–5	29·34	16	—	A.-St., Ci.	St., St.-Cu., Nb.	6	b.c.q.	—
27	4	—		S	4–5	29·21	15	—	Ci., A.-St.	St., Nb.	6	b.c.q.	—
,,	8	—		ESE	6	29·20	9	—	A.-Cu., A.-St.	St.-Cu., St.	4	b.c.	—
,,	12	Off Castle Rock, McMurdo Sound		E	7	29·23	4·5	—	A.-St.	St.-Cu., St.	7	c.	—
,,	16	—		ENE	6–7	29·25	4·5	—	—	St., St.-Cu.	9	c.	—
,,	20	—		ENE	5–7	29·26	4·2	—	—	St., St.-Cu.	10	c.q.	—
,,	24	—		E	2–8	29·29	1·5	—	—	St.-Cu.	10	c.q.f.	3
28	4	—		ENE	6–8	29·31	—	2·0	—	St.	10	o.q.m.	—
,,	9	—		SE	6	29·39	—	2·0	—	St.	10	o.c.q.m.	—
,,	12	Off Castle Rock		E	6–7	29·42	—	1·2	—	St.	10	o.c.q.f.	4
,,	16	Glacier Tongue		E	6–7	29·44	—	0·5	—	St., St.-Cu.	10	o.c.q.f.	1
,,	20	—		E	4–5	29·49	3·8	—	A.-St., A.-Cu.	St., St.-Cu.	8	c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
In pack				—	—	8 h. to Noon: Little snow on thermometer.
,,	,,			—	—	Noon to 16 h.: Slight snow throughout.
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	20 h.: Swell Wly in pancake pack. First: A distinct WSW swell visible. Wind "puffy"; quarter-hour snow between 23.30 and 24 h.
,,	,,			—	—	
Pancake pack		SWly	5	—	—	0 to 1.30: Wind variable, SWly, force 1–3. 1.30: Wind to NE. Heavy snow till 3.30, then lighter. 11.10: Frost-smoke on the water. Noon: Frost-smoke, that is a low-lying mist on the sea-water caused by the cold air striking the water. Afternoon and Dogs: Fog in frost-smoke. Shipped spirit thermometer for below zero readings.
,,	,,	Wly	5	—	—	
In pack				—	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	4 h.: Frost-smoke, but much less this watch than before. Wind eased to force 5–6 at 0 h. 8 h.: Frost-smoke increased. No sky visible.
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	16 h.: Sun shining through clouds.
,,	,,			—	—	22.30: Wind started easing. A heavy swell setting in from SSW. Young ice forming.
NNE	5	SSW	6	—	—	
NNE	4	SW	5	—	—	0 to 3 h.: Heavy squalls and very thick with fine snow. 3 h.: Weather moderated and cleared slightly. 8 h.: Frost-smoke.
—			—	—	—	
In pack				—	—	
,,	,,			—	—	Dogs: Very squally. In some of the lulls wind almost dropping to calm.
,,	,,			—	—	First: Wind very squally; lulls between dying to about force 2. Frost-smoke. Midnight: Young ice forming.
,,	,,			—	—	
,,	,,			—	—	0–3 h.: Heavy squalls and very thick with fine snow. 3 h.: Weather moderating and cleared slightly. 8 h.: Frost-smoke. 10 h.: Wind shifted to NEly for about 20 minutes. Noon: Frost-smoke very dense. 16 h.: Frost-smoke very slight.
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
FEBRUARY, 1912.						Inches.	° F.	° F.					
29	4.30		—	ESE	0–1	29·57	3·2	—	Ci.-St., Ci.-Cu.	St.-Cu.	1	b.	—
,,	8		—	E	2	29·56	7·9	—	A.-St.	St.-Cu., St.	9	c.	—
,,	12	77 7	166 5	WSW	Light Airs	29·54	14·0	—	—	St.-Cu., Nb.	9	c.	—
,,	16		—	E	5	29·48	18	—	—	St.-Cu., Nb.	10	o.q.$\frac{1}{4}$s.	—
,,	20		—	N	3	29·39	20	—	—	Nb.	10	o.c.4s.	—
,,	24		—	Var.	Light Airs	29·34	21	—	—	Nb.	10	o.3s.	—
MARCH, 1912.													
1	4		—	E	4–3	29·29	22·8	—	—	St.	10	o.4s.	—
,,	8		—	ENE	4–5	29·26	21·4	—	—	St., Nb.	10	o.4s.	—
,,	12	75 25	166 0	ENE	3–4	29·29	22·8	—	—	St.-Cu., St., Nb.	10	o.4s.	—
,,	16		—	WNW	3	29·26	19·2	—	A.-Cu., Ci.-Cu.	St.-Cu., Cu.	6	b.c.3s.	—
,,	20		—	S	3	29·25	15·8	—	Ci.-Cu., A.-St., A.-Cu.	St.-Cu., Cu.	3	b.c.	—
,,	24		—	NNW to NNE	Light Airs	29·23	18	—	A.-Cu., Ci.-St., Ci.	St.-Cu., Cu., Nb.	5	b.c.	—
2	4		—	W	3	29·21	15·0	—	—	St.-Cu., St.	9	o.c.	—
,,	8.30		—	W	5–6	29·19	13·0	—	—	St.-Cu., St.	—	—	—
,,	12	75 25	166 0	W	5–6	29·17	—	—	A.-Cu., A.-St.	St.-Cu., Cu., St.	5	b.c.	—
,,	16		—	W	5	29·13	10·7	—	A.-Cu., Ci.-Cu.	St.-Cu., Cu.	8	c.	—
,,	20		—	WNW	4–5	29·12	11·8	—	—	St.-Cu., Cu.	9	c.	—
,,	24		—	SSW	5–6	29·05	18·4	—	—	St.-Cu., Cu., Nb.	10	c.q.$\frac{1}{4}$s.	—
3	4		—	S	5–6	29·10	16·0	—	—	St.-Cu., St.	10	o.c.q.s.	—
,,	8		—	SE	5	29·15	15·1	—	—	Cu., St.-Cu.	10	o.c.	—
,,	12	76 2	167 26	ESE	4–5	29·23	13·8	—	—	Cu., St.-Cu.	10	o.c.	—
,,	16		—	SSE	2–3	29·22	15·8	—	—	Nb., Cu., St.-Cu.	9	c.	—
,,	20		—	ESE	5	29·25	9·0	—	—	Nb.	10	o.c.2s.	—
,,	24		—	SSE to S	4–5	29·31	8·5	—	—	St., St.-Cu. Nb.	7	b.c.q.3s.m.	3
4	4	6 h. : Off Cape Evans		SSW	4–6	29·31	9·3	—	—	—	0	b.q.	—
,,	12	Off Hut Point		ENE	5	29·20	9·8	—	—	—	0	b.	—
,,	16	Glacier Tongue		ENE	5	29·19	2·0	—	—	—	0	b.	—
,,	20	22.30 : Proceeded		ENE	6	29·17	1·2	—	—	Cu., St.-Cu.	7	c.f.	3
,,	24	—		SSE	2–3	29·17	7·5	—	A.-St., Ci.	Cu., St.-Cu., Nb.	6	b.c.m.	3

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
In pack				—	—	4.30 : Mirage. Wind practically calm. Lower clouds over land. Sky remarkably picturesque, extreme visibility of Western Mountains very noticeable, peaks showing clearly against sky and tinged with pink, purple, and chrome yellow shadows. Colour of sky pale blue to chromish yellow. 13.20 : Wind shifted suddenly to WNW, force 3. 20 h. : Snow moderate. 21 h. : From 21 to 22 snow ceased, and sky cleared slightly.
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	
In pack		NW	5	—	—	1.45 : Wind from NE 3 to NW 4. Snow lighter.
,,	,,	—	—	—	—	
,,	,,	—	—	—	—	15 h. : Snow ceased.
,,	,,	NW	5	28·5 (16.30)	—	16 h. : Considerable swell in pack, NW 5.
,,	,,	—	—	—	—	
,,	,,	NW	6	—	—	Midnight : Wind very variable.
,,	,,	—	—	—	—	
,,	,,	—	—	28·3 (10 h.)	—	
,,	,,	N by E	—	—	—	
,,	,,	—	—	—	—	
,,	,,	—	—	—	—	First : Wind gradually worked to SE, some squalls of force 7. At 23.30 wind fell calm and worked up again to ENEly direction.
,,	,,	N by E	5	—	—	
NE	4	N	6	—	—	0–4 : Light snow commenced. 2–4 : Wind variable in direction and force.
N by E	5	N by E	6	28·8	—	
N by W	4	N by W	6	—	—	13 h. : Calm. 14–16 : Light snow at intervals. 16 h. : Snowing on E horizon. 18 h. : Wind sprang up NW by N, 3–4. 20–23 : Fine snow, appearance of fog. 23 h. : Weather clearing. Wind dropped calm. 23.10 : Wind gusty from NE to ENE.
Young ice		Nly	6	—	—	
In pack				—	—	
,,	,,			—	—	
—	—	—	—	—	—	2 to 4 : Full moon 10 high true N. 4.30 : Calm.
—	—	—	—	—	—	6 h. : Wind WSW, force 3.
—	—	—	—	28·4	—	16 h. : A very little detached Cu. Frost-smoke over sea.
—	—	—	—	—	—	20 h. : Frost-smoke and mirage. First : A good bright mock-sun visible just before sunset. Misty appearance over Erebus, due to fine snow.
—	—	—	—	—	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0-12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
MARCH. 1912.		° ′	° ′			Inches.	° F.	° F.					
5	4	—		S	5–4	29·19	6·0	—	A.-St.	Cu., St.-Cu., St.	7	b.c.2s.	—
,,	8	Off Cape Bird		ENE	3	29·21	10·3	—	A.-Cu.	Cu., St.-Cu.	2	b.	—
,,	12	77 7	166 30	E	3	29·25	8·5	—	A.-Cu.	Cu., St.-Cu.	8	c.	—
,,	16	—		NE	2	29·30	6·0	—	—	Nb., Cu., St.-Cu.	8	c.	—
,,	20	—		NNE	4	29·29	6·0	—	—	St.-Cu., Nb.	10	c.s.	—
,,	24	—		ENE	2	29·29	6·0	—	A.-Cu., A.-St.	St.-Cu., Nb.	6	c.3s.m.	3
6	4	—		ESE	4	29·27	11·0	—	—	St., Nb.	8	c.s.	—
,,	9	—		E	4	29·29	12·5	—	—	Nb.	10	c.5s.	—
,,	12	75 20	166 30	E	4	29·30	13·0	—	—	St.-Cu., Nb.	10	o.c.4s.	—
,,	16	—		E	4	29·30	14·2	—	—	Nb., St.	10	o.c.4s.	—
,,	20	—		W	4	29·35	7·1	—	—	Nb., St.-Cu., St.	9	o.c.4s.	—
,,	24	—		WSW	4–5	29·35	4·5	—	A.-St., Ci.	St., Nb.	7	b.c.q.	—
7	4	—		WSW	7–8	29·29	7·0	—	—	St.	8	o.c.	—
,,	8	—		SSW	7	29·29	5·0	—	—	Nb.	10	o.c.s.	—
,,	12	75 5	168 43	SSW	4–5	29·26	5·0	—	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	16	—		S	4–5	29·20	12·2	—	A.-Cu.	Cu., St.-Cu., Nb.	7	c.2s.f.	—
,,	20	—		SW	4	29·13	15·2	—	A.-Cu.	Cu., St.-Cu.	8	c.	—
,,	24	—		SSW	3–4	29·07	17·6	—	Ci., Ci.-St., A.-Cu., A.-St.	Nb., Cu., St.-Cu.	7	c.m s.	—
8	4	—		NE	2	29·02	16·0	—	A.-St.	Cu., St.-Cu., Nb.	7	c.3s.	—
,,	8	—		ESE	4	29·03	18·8	—	A.-Cu.	Cu., St.-Cu.	5	b.c.	—
,,	12	73 32	174 12	ESE	4	29·06	20·9	—	—	Cu.	2	b.	—
,,	16	—		ESE	4	29·09	21·4	—	A.-Cu.	Cu.	7	c.	—
,,	20	—		E	4	29·11	21·8	—	—	St., Cu., St.-Cu.	10	c.	—
,,	24	—		E to ENE	4–5	29·14	22·6	—	Ci., A.-St.	St.-Cu., Cu., Nb.	8	c.q.	—
9	4	—		NE	4	29·13	22·2	—	—	St.-Cu., St.	10	o.c.s.	—
,,	8			E	4	29·14	23·4	—	—	St., Nb.	10	o.c.s.	—
,,	12	71 32	173 21	SW	5–6	29·17	23·6	—	—	Cu., St.-Cu.	10	o.c.	—
,,	16	—		S	5	29·21	23·6	—	—	Cu., St.-Cu.	10	o.c.	—
,,	20	—		SSW	3	29·23	24·0	—	—	Cu., St.-Cu.	10	o.c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
In pack				—	—	
,,	,,			—	—	5 h. : Wind eased to force 1–2. 6 h. : Wind SSWly, light airs.
,,	,,			—	—	
,,	,,			—	—	19.45 : Commenced to snow.
,,	,,			—	—	20.15 : Slight snow. First : Fine snow falling three hours of watch. Weather cleared 23 h.
,,	,,			—	—	
,,	,,			—	—	0 to 3 : Very light snow. 3–4 : Light snow. Morning : Wind between NW and WSW and varying in force from 0 to 4. Forenoon : Sun occasionally shining through clouds. 17.30 : Wind to ESE. force 4. 20 h. : Mock sun 22½° left of sun. Altitude of sun 3°. Vertical light from sun to horizon and upwards. 20.50 : Similar mock sun appeared on right of sun as well as on the left, with vertical white ray above sun, continuing until after sunset over nearly clear horizon. No green flash.
,,	,,			—	—	
Panecake ice		NW by W	5	—	—	
In pack		WNW	5	28·4	404	
,,	,,			—	—	
In pack		WSW	5	—	—	
,,	,,	Wly	3	—	—	
,,	,,			—	—	11 h. : Upper half of 22½° halo showing faintly with two mock suns same altitude as sun. Also tangential arc of 46° circle vertically over the sun.
In pack		SWly	4	—	—	
Ely	5	Ely	5	28·6	429	
Ely	5	Ely	5	28·7	—	23 h. : Corona round moon. Very slight snowfall.
ENE	5	Confused Wly	5	—	—	
Wly	—	Wly	—	—	—	0 to 3 : Easterly wind dropping to calm. Heavy snow for one hour, light later.
—	3	NW	5	28·9 (10 h.)	—	
—	3	NW	5	29·0	428	
—	3	NWly	5	—	—	23 h. : Aurora ; ribbon of whitish light from SSW to ENE, extending very nearly from horizon to horizon, through zenith. Light was not brilliant. First : Wind heading in squalls.
—	3	Confused NE, NW	5	29·6	—	
NNW	4	Cross —	—	—	—	23.30 : Corona round moon.
NW	4	NW	—	—	—	0 to 4 : Light snow at times.
NW	4	NW	6	29·6	—	10.30 : Wind becoming very changeable.
SEly	5	ESE	6	29·6	430	11 h. : Wind dropped. ESE swell coming up.
Ely	5	NNW Confused Ely	6	29·0	429	11.15 : Wind from SE by E and increasing.
Ely	3	E, W	5, 5	29·5	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
MARCH, 1912.		′	° ′			Inches.	° F.	° F.					
9	24		—	SSE	2	29·21	25·1	—	—	St.-Cu.	10	o.c.	—
10	4		—	WNW	4–5	29·17	24·0	—	—	Cu., St.-Cu., St.	9	c.q.s.	—
,,	8		—	WNW	5	29·17	25·8	—	A.-Cu	Cu., St.-Cu.	9	c.	—
,,	12	70 28	174 39	WNW	5–6	29·15	27·4	—	—	Cu., Nb., St.-Cu.	10	o.c.¼s.q.	—
,,	16		—	WNW	6	29·14	27·2	—	—	Cu., St.-Cu., Nb.	10	o.c.4s.q.	—
,,	20		—	W	5	29·13	27·6	—	—	Cu., St.-Cu.	10	o.c.	—
,,	24		—	NNW	3–5	29·11	29·6 (1 h.)	—	—	St.-Cu., Nb.	9	o.c.q.1s.	—
11	4		—	N	4	29·04	28·6	—	A.-St.	St.-Cu., St.	8	c.s.	—
,,	8		—	N	5	28·91	29·6	—	—	Nb.	10	o.c.4s.	—
,,	12	69 45	177 19	NNE	5	28·79	29·8	—	—	St.-Cu., Nb.	10	o.c.4s.	—
,,	16		—	WNW	3	28·75	30·5	—	—	Nb.	10	o.c.4s.f.	2
,,	20		—	WNW	3	28·95	29·5	—	—	Nb.	10	o.c.f.	3
,,	24			WNW	3	29·00	30·8	—	—	St.-Cu.	7	c.	—
12	4		—	WSW	3	29·16	28·0	—	—	St.-Cu., St.	9	o.c.s.	
,,	8		—	E	1	29·31	29·2	—	—	St., Cu., St.-Cu.	10	o.c.	
,,	12	69 23	177 52	ENE	5	29·20	29·7	—	—	St.-Cu., Nb.	10	o.c.4s.	—
,,	16		—	NE	6	29·00	31·5	—	—	Nb.	10	o.c.4s.	—
,,	20		—	NNE	6–7	28·87	32·6	—	—	Nb.	10	o.c.4s.	—
,,	24		—	NNE	5	28·72	33·5	—	—	Nb.	10	o.4r.	—
13	4		—	NNE	7	28·55	34·0	—	—	Nb.	10	o.4r.	—
,,	8		—	NNE	7–8	28·45	33·5	—	—	Nb.	10	o.2r.f.	2
,,	12	68 40	172 12	NW	8–9	28·44	30·4	—	—	St., St.-Cu.	10	c.o.2r.f.q.	2
,,	16		—	NW	8	28·70	32·2	—	—	St., St.-Cu.	10	o.c.r.q.	—
,,	20		—	NNW	4–5	28·81	32·6		—	St., St.-Cu.	10	o.c.q.	—
,,	24		—	NNE	3–4	—	32·0	—	—	St.-Cu., Nb.	10	o.c.q.	—

KEPT ON BOARD "TERRA NOVA.

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	2	E Confused	5	—	—	
SW	3	Confused	4	—	—	0.15 : Wind backed through N to W, force 4. 1 h : Wind SW, force 4–5. Snow shower.
SW	3	SW Confused	5	29·3	—	
WSW	4	SW by W	5	30·0	430	11.45 : Slight fine snow falling. Noon : Squall, force 6–7, with moderate snow.
SW	4	SW	6	30·1	—	
SSW	5	SW W by N Cross	6 6	30·1	—	First : Snow squalls of very soft snow (moderate intensity). Wind varying through two points.
—	—	—	—	—	—	
NW	4	Wly Confused	6	—	—	0 to 4 : Light snow showers. 2 h. : Wind gradually shifted during watch. Morning : Snow slight and very wet.
NW	5	Wly Confused	6	30·6 (9 h.)	—	
N by E	5	Nly Confused	6	30·8	428 to 429	12.30 : Wind easing. 14 h. : Wind to WNW. force 2. Afternoon : Wind very variable. Fine snow and sleet. Sun shining through clouds and mist.
—	4	Wly Confused	6	—	-	
—	4	Confused	7	30·5	—	
—	—	—	—	—	—	Midnight : Corona round moon. Clouds from S, fast.
S	3	W	7	—	—	0 h. : Light snow showers.
—	3	SSE, SW Confused	6	30·6	—	
—	5	Nly, SWly Very confused	7	—	430	Afternoon : Wet snow and sleet (moderate) all watch.
NNW	5	NW, N Confused	7	—	—	17 h. : Wind NW by N. force 5. Dogs : Snow and sleet continuous.
NW	6	NW, N Confused	7	—	—	First : Snow turned into rain (moderate).
—	—	—	—	—	—	
—	—	—	—	—	—	Midnight : Rain moderate. Morning : Rain (moderate) off and on.
NW	6	NW	7	—	—	10.30 : Wind W, force 9, having backed quickly during last half hour.
Wly	6	NW by W Confused	8 8	30·5	—	
W	6	NW, W Confused	8	30·4	—	Dogs : Waves over 25 ft. by measurement.
WNW	6	WNW Confused	8	—	—	22.40 : Aurora. First : Wind ceasing, but very puffy.
NW	6	WNW NW Confused	8	—	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
MARCH, 1912.		° ′	° ′			Inches.	° F.	° F.					
14	4	—		NW	2	28·94	31·0	—	—	Cu., St.-Cu., St.	9	c.s.	—
,,	8	68 53	172 5	NW	3	29·10	30·2	—	Ci.-Cu., A.-Cu.	Cu., St.-Cu., St.	2	b.c.1s.	—
,,	12	—		WNW	4	29·14	31·0	—	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16	—		NW	4	29·22	30·9	—	A.-St., A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	20	—		NNW	1–2	29·26	32·0	—	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	24	—		ENE	1–2	29·31	30		A.-Cu.	Cu., St.-Cu.	6	b.c.	—
15	4	—		E	4	29·30	35	—	—	St	10	o.r.	—
,,	8	—		NE	4	29·29	29·8	—	—	St.	10	o.4f.	4
,,	12	68 3	169 45	NNE	5	29·28	30·6	—	—	St.	10	o.4f.	3
,,	16	—		NE	5–6	29·21	32·3	—	—	St., St.-Cu.	10	o.e.	—
,,	20	—		NNE	5	29·18	32·1	—	—	St., St.-Cu.	10	o.c f.	2
,,	24	—		ENE	4	29·15	31·8	—	—	St., Nb.	10	o.c.3s.	—
16	4	—		E	4	29·03	31·5	—	—	Nb.	10	o.4s.	—
,,	8	—		ESE	2	28·86	31·8	—	—	St., Nb.	10	2f.	4
,,	12	66 44	164 48	W	2	28·95	30·8	—	—	St., Nb.	10	4f.	4
,,	16	—		WNW	1	28·92	30·0	—	—	St,, Nb	10	4f	4–5
,,	20	—		ENE	3	28·85	30·0	—	—	Cu., S.t-Cu.	10	o.e.	—
,,	24	—		ENE	5–6	28·70	30·8	—	—	St., Nb.	10	o.c 3s.	—
17	4	—		ENE	4	28·63	31·0	—	—	Nb , St	10	o.4s.	—
,,	8	—		W	3	28·62	31·5	—	—	Nb., St.	10	o.4s.	—
,,	12	65 33	161 37	W	3	28·65	28·8	—	—	Cu., St.-Cu., Nb.	10	o.4s.	—
,,	16	—		W	3	28·67	29·5	—	A.-Cu., A.-St.	Cu., St.-Cu.	10	o.c.	—
,,	20	—		NW	3	28·69	—	—	A.-Cu.	Cu., St.-Cu.	10	o.c.	—
,,	24	—		SSE	3–4	28·75	31·0	—	—	St., Nb.	9	c.3s.	—
18	4	—		S	3–4	28·88	32·0	—	—	St.	7	c.4s.	—
,,	8	—		SE	2	28·99	30·8	—	—	St.-Cu., Cu.	8	o.c.	—
,,	12	64 3	160 12	SE	0–1	29·09	33·0	—	A.-Cu.	Cu., St.-Cu.	8	c.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	4	Confused	8	—	—	Wind lulled and shifted slowly. Light snow occasionally. 4 to 5: Snow (moderate). Forenoon: A rising SE swell appeared early in watch and increasing. 16 h.: Confused swell, largest being from SE. 20 h.: E swell the greatest. 20.30: Sky clearing. 22 h.: Ely airs, force 1. Cloud amount 2. 22 h.: Aurora curtain; centre NE (true); band 2° to 3° broad stretching through about 120° of arc and parallel to the horizon. Between the band of auroral light and the horizon was much darker than the remainder of sky (that is dark segment); stars showing here proved it not to be cloud. Colour white and tinged with green, though the brighter spots were yellowish white. Most of the curtain had a brilliancy equal to about a 3rd magnitude star; in a few spots it came up to that of a 1st magnitude. A few streaks radiated out towards the zenith to 10° or 15° of arc at times, but not enough to alter the appearance of a long narrow sinuous band. 22.30: Fading away.
NW	5	WNW Wly	8	30·2	—	
W	4	WNW W, SE	7	30·2	428	
—	4	Confused	7	30·2	428	
—	2	Confused	6	30·3	—	
—	—	Confused	6	—	—	
NE	3	Confused	—	—	—	3 to 4: Slight rain. Morning: Fog intensity 1–2 till 7 h., then 3–4.
—	3	NNW Confused	6	30·8	—	
—	4	NNW Confused	6	30·9	430	Noon: Sun shining through fog. Rime on rigging.
—	4	NNW Confused	6	30·5	—	16 h.: Thaw causing rime to fall from sails and rigging. 18 h.: Fog intensity 1–2. 20.30: Sleet (slight) commenced. First: Passing showers of sleet changing to snow towards end of watch. Phosphorescence on water. 23.30: Wind veering.
NW	4	NW Confused	6	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	Midnight: Snow moderate all watch. Wind gradually veered till NNE at 2 h. 8 h.: Fog very wet. 9 h.: Clearing overhead, blue sky showing. 10 h.: Fog-bow; colours out in, reddish white, bluish tinge. Altitude 21°; altidue of sun 18°. Breadth of arc 4° to 5°. No inside arc, but fog appearing whiter inside. Temperature 32° F. First: Snow and sleet from 21 h. on.
—	4	Nly	5	29·9	—	
—	4	NEly	5	30·3	325	
—	3	NE	5	30·8	—	
—	2	Nly	4	—	—	
—	—	—	—	—	—	
NE	4	—	—	—	—	0 to 4: Continuous snow (slight to moderate).
—	2	NWly	4	30·6	—	
—	2	NWly	4	29·2	400	Noon: Drop in temperature of sea water probably caused by the vicinity of 10 icebergs. Sun shining through clouds most of forenoon. Small patches of blue sky. 16 h. Slight streaks of blue sky to SW. 22 h.: Wind shifted to ESE. Light wet snow falling for three hours.
—	2	WNW	4	30·1	—	
—	—	S W by N SSE	4	30·0	—	
ESE	3	Wly ESE	6	—	—	
SE	3	—	5	—	—	
—	3	Wly E by S Confused	6 6	32·5	—	8 h.: Loeke drawing water. 9.30· Temperature of sea water, 32·3° F., a quick increase on yesterday's observation. 15.45: Very heavy snow.
—	3	SWly Ely	7	32·2	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T	Lat. S.	Long. E.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
MARCH, 1912.		° ′	° ′			Inches.	° F.	° F.					
18	16		—	WNW	1–2	29·13	32·0	—	—	St.-Cu.	10	o.c.	—
,,	20		—	NNW	2	29·13	31·6	—	—	St.-Cu.	10	o.c.	—
,,	24		—	NNW	3–2	29·04	31·5	—	—	St.-Cu., Nb.	8	c.p.s.	—
19	4		—	NE	3–4	28·91	31·0	—	—	St.	10	o.2s.	—
,,	8		—	E	4	28·76	31·0	—	—	St., Nb.	10	o.4s.	—
,,	12	63 55	158 31	S	6	28·86	32·8	—	—	St., Nb.	10	o.4s.	—
,,	16		—	WSW	8	29·09	28·6	—	A.-Cu., A.-St.	Cu., St.-Cu., St.	4	b.q.c.	—
,,	20		—	W	7	29·21	30·1	—	A.-Cu.	Cu., St.-Cu.	6	b.c.q.	—
,,	24		—	W	7	29·32	31·7	—	—	St.-Cu.	10	b.c.q.	—
20	4		—	W	5	29·37	34·1	—	—	St., St.-Cu.	10	o.c.	—
,,	8		—	NW	5	29·39	36·2	—	—	St.-Cu., Nb.	10	o.c.	—
,,	12	61 49	160 4	WNW	7	29·20	37·0	—	—	St., Nb.	10	o.4r.	—
,,	16		—	WNW	7	29·15	37·0	—	—	St.-Cu., Nb.	10	o.c.r.	—
,,	20		—	WSW	5–6	29·15	36·9	—	—	St.-Cu.	10	o.c.	—
,,	24		—	WNW	4–5	29·11	35·6	—	—	Nb., St.-Cu.	10	o.c.3r.	—
21	4		—	WNW	3–4	29·00	34·2	—	—	Nb.	10	o.4s.	—
,,	8		—	WNW	4	28·93	36·0	—	—	Cu., St.-Cu.	10	o.c.	—
,,	12	60 29	162 10	WSW	4	28·94	36·8	—	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16		—	WSW	4–5	28·85	36·4	—	A.-Cu., Ci.-Cu., Ci.-St.	Cu., St.-Cu.	9	c.q.$\frac{3}{4}$s.	—
,,	20		—	SW	6	28·87	35·0	—	—	Cu., St.-Cu.	10	c.	—
,,	24		—	SSW	5–7	28·94	30·7	—	—	St.-Cu., Nb.	9	o.c.1r.	—
22	4		—	SSW	8–9	29·01	30·8	—	—	St.-Cu., Nb.	9	c.q.s.	—
,,	8		—	SSW	6	29·08	31·5	—	—	St.-Cu., Cu.	9	c.	—
,,	12	58 38	161 31	SW	6	29·12	31·8	—	—	St.-Cu., Cu.	10	q.c.3s.	—
,,	16		—	WSW	7	29·10	35·6	—	—	Cu., St.-Cu.	10	c.q.	—
,,	20		—	W	7–8	28·93	37·6	—	—	Nb., St.-Cu.	10	o.c.q.s.	—
,,	24		—	W	8–10	28·77	37·0	—	—	St.-Cu., Nb.	10	o.c.q.4s.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	3	SWly Ely	7 8	32·2	453	First: Aurora between clouds. 22.45: Drizzling sleet commenced, which stopped at 23 h.
—	3	Confused NWly Ely	7 8	32·4	—	
—	—	NW	6	—	—	
N	3	W	—	—	—	0·30: Aurora. 2–4: Light snow.
—	3	E	5	31·0	—	Morning: Soft snow to sleet (moderate) all watch.
SE	5	Confused SE	6	32·8	—	Noon: Sun shining through mist.
Sly	5	Confused Sly	6	33·8	379	
SW	5	SW	7	34·5	—	First watch: Clouding over and clearing till 21 h., then cloudy. Aurora lightening night, though invisible behind clouds. Phosphorescence in water.
—	—	Confused —	—	—	—	
—	—	—	—	—	—	Midnight: Wind easing gradually all watch.
SW	5	SW	7	34·6	—	8 h.: Few spots of rain. Forenoon: The rain is hardly perceptible.
Wly	5	Wly	7	34·8	405	Afternoon: Slight rain.
Wly	6	Wly	7	34·8	—	
Wly	6	SWly	7	35·0	—	First: Rain slight to moderate, with intervals of no rain.
—	—	WSW	6	—	—	
—	—	—	—	—	—	Midnight: Rain moderate, changing to sleet towards end of watch.
Wly	5	W by S	6	36·8	—	14.45: Heavy snow for three-quarters of an hour.
Wly	5	SWly	6	37·0	—	
Wly	5	SWly	6	39·5	—	First: Aurora lightening night after 21.30, though sky covered with clouds. Occasional showers of rain, slight, turning to snow in latter half of watch and becoming more frequent.
Wly	5	SWly	7	40·5	—	Wind in squalls up to force 7.
—	—	—	—	—	—	
Sly	6	Sly	8	—	—	Midnight: Wind in the squalls increasing in strength and squalls more frequent as watch passed. Snow or sleet in them, but not much towards end of watch, hardly any. At intervals, sky half clearing and clouding. 4 h.: In lulls between squalls wind dropping at times 5–6. Forenoon: Snow (moderate fall) most of forenoon. Dry hard snow (sago). Dogs: Squalls increasing in strength and frequency towards end of watch. Slight snow or sleet accompanying squalls of force 8–9. 20.30: Wind W. increased to force 8, squalls of 9–10. First: Wind freeing about 23 h. Intermittent rain all the watch of moderate intensity. 22 to midnight: Aurora lightening night, though sky completely covered with clouds.
Sly	6	SSW	8	38·9	—	
SW	6	SSW	8	40·0	405	
SW	6	SW	8	40·5	—	
SW	7	SW	8	—	—	
SW	7	SW	8	—	—	

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12)		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower	Amount (0–10)	Beaufort Notation.	Fog Intensity (0–5).
March, 1912.		° ′	° ′			Inches.	° F.	° F.					
23	4		—	WSW	6–7	28·77	37·3	—	—	Nb.	4	b.c.q.	—
,,	8		—	WSW	6	28·84	37·0	—	—	Cu.,St.-Cu., Nb.	10	r.q.s.	—
,,	12	57 20	163 16	WSW	6–7	28·84	39·8	—	A.-Cu.	Cu., St.-Cu.	10	c.q.	—
,,	16		—	W	6–7	28·85	39·5	—	A.-Cu.	Cu., St.-Cu.	9	c.q.	—
,,	20		—	W	8	28·80	39·0	—	—	St.-Cu., Nb.	10	c.r.q.	—
,,	24		—	W	8–10	28·72	39·6	—	—	St.-Cu., Nb.	10	o.q.p.	—
24	4		—	WSW	8–10	28·71	40	—	—	—	—	c.q.r.	—
,,	8		—	W	8	28·70	40·4	—	A.-Cu.	Cu., St.-Cu.	7	c.q.	—
,,	12	55 51	165 49	W	8–9	28·65	41	—	Ci., Ci.-Cu., A.-Cu.	Cu., St.-Cu.	6	b.c.q.	—
,,	16		—	WSW	8–10	28·65	—	—	—	Cu., St.-Cu.	8	c.q.2hs.	—
,,	20		—	SW	8–10	28·68	37·2	—	A.-Cu.	Ci., St.-Cu.	6	b.c.q.s.	—
,,	24		—	SW	9–11	—	—	—	—	St.-Cu., Nb.	6	c.q.	—
25	4		—	SW	9–11	29·01	37·0	—	—	Cu.,St.-Cu., Nb.	7	c.q.h.	—
,,	8		—	WSW	9	29·17	38·4	—	A.-Cu., Ci.-Cu.	Cu.,St.-Cu., Nb.	7	c.q.h.	—
,,	12	54 3	167 18	WSW	8	29·31	39·6	—	A.-Cu.	Cu., St.-Cu.	6	c.q.h.	—
,,	16		—	SSW	8–9	29·36	40·2	—	—	Cu., St.-Cu.	10	c.q.h.	—
,,	20		—	SW	7	29·49	41·4	—	—	Cu., St.-Cu.	9	c.q.h.	—
,,	24		—	WSW	6–9	29·52	43	—	—	St.-Cu., Nb.	10	o.q.p.	—
26	4		—	SW	6	29·62	42·2	—	—	Cu., St.-Cu., St.	10	o.c.	—
,,	8		—	SW	5	29·72	42·8	—	—	Cu., St.-Cu.	10	o.c.	—
,,	12	52 21	167 35	SSW	4	29·75	43·6	—	—	St.-Cu.	10	o.c.	—
,,	16		—	SSE	2	29·77	44·2	—	—	St., St.-Cu.	10	o.c.	—
,,	20		—	Var.	0–1	29·79	43·6	—	—	St.-Cu.	10	o.c.	—
,,	24		—	NNE	0–2	29·80	43·9	—	—	St.-Cu.	10	o.c.	—
27	4		—	NNE	1	29·79	43·8	—	—	Cu., St.-Cu., St.	7	c.	—
,,	8		—	ESE	1	29·78	44·4	—	—	Cu., St.-Cu.	9	c.	—
,,	12	52 16	167 31	ESE	1	29·78	47·1	—	—	Cu., St.-Cu.	9	c.	—
,,	16		—	ENE	3	29·78	47·2	—	—	Cu., St.-Cu.	10	o.c.	—
,,	20		—	WNW	1–2	29·77	45·1	—	—	Cu.,St.-Cu., Nb.	9	o.c.3r.	—
,,	24		—	Calm	0	29·77	44·6	—	—	St.-Cu., Nb.	6	c.p.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	Squalls less frequent and severe after 2 h. The wind backed fairly rapidly and decreased in strength while the sky cleared. Afterwards clouding over, further squalls and clouding again. Aurora lighting the night whole watch. 4 h.: Aurora showing properly, SW (true) altitude lower edge 20° (estimated) extending horizontally over about an arc of 120° and sending shafts of light towards zenith; below dark or cloud, impossible to say which. Light, greenish white. Rain, moderate, accompanying squalls. Forenoon: Passing squalls very heavy, 8–9 in force. Sleet and hail accompanying squalls. Dogs: Squalls frequent and heavy with moderate rain. First: Squalls frequent and heavy with moderate rain.
SWly	7	SW	8	40·1	—	
SWly	7	SW	8	41·2	405	
SWly	7	SW	8	41·4	—	
WSW	7	WSW	8	—	—	
—	—	—	—	—	—	
WSW	7	SW	8	43·0	—	
WSW	7	WSW	8	44·2	—	0–3 h.: Squalls not heavy, slight rain only. 3.30: Very heavy squalls lasting 15 minutes, force 10. Morning: Few squalls but very heavy, force 10, accompanied by hail. Forenoon: Several waves over 30 feet in height. Squalls with hail and sleet. Afternoon: Squalls frequent, force 10; with hail changing to snow and sleet. 14 h.: Wind backed to SW and W. 17 h.: Wind backed in a squall to SW by S. Dogs: Heavy squalls, force 10, with hail, sleet and snow. First: Wind increasing both in squalls and in intervals between. Squalls becoming more frequent towards end of watch and wind of force 11 in them, with a little hail and snow. Sky clearing between squalls.
WSW	8	WSW	8	—	404	
SW	8	SW	8	45·2 (16.30)	—	
SSW	8	SSW	8	—	—	
—	—	—	—	—	—	
SSW	9	SSW	8	—	—	2.30: Squalls of hurrican force. 3 to 4: Wind easing slightly squalls not so fierce. Morning: Wind squalls easing. Forenoon Height of waves measured 50 feet. Wind started easing down down at 11 h. and squalls not so frequent or violent as in early part of watch, when the wind in squalls was force 9–10. Squalls accompanied by hail or sleet.
SW	8	SW	9	—	—	
SW	9	SW	9–10	46·0	405	
SW	9	SW	9	16·8	—	
SW	9	SW	9	—	—	Dogs: Few squalls up to force 9. First: A few passing showers lasting about five minutes.
SW	7	SW	8	—	—	
SSW	6	SW	7	—	—	No squalls or rain after 1 h. 30 m.
SSW	5	SW	7	48·1	—	
S by W	4	S by W	6	48·0	405	
SW	4	SWly	7	48·1	—	
—	—	—	6	—	—	First: Calm till 23.15, then light northerly airs.
—	—	—	—	—	—	
—	—	SWly	4	—	—	
—	—	Sly	5	48·1	—	
—	—	Sly	5	—	429	17 h.: Fine rain falling till remainder of watch. 17.30: Wind fell calm. 19.45: Breeze sprang up from W, force 2.
—	—	Sly	5	48·2	—	
—	—	Sly	5	—	—	23 h.: Wind fell calm.
—	—	—	—	—	—	Midnight: Occasional showers of slight rain during watch.

TABLE 87. METEOROLOGICAL LOG

2ND VOYAGE. DECEMBER 15TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
MARCH, 1912.		° ′	° ′			Inches.	° F.	° F.					
28	4		—	NNW	1	29·76	45·0	—	—	St.	7	c.	—
,,	8		—	WNW	1–2	29·75	46·2	—	Ci., Ci.-Cu., A.-Cu.	Cu., St.-Cu.	3	c.	—
,,	12	51 54	167 42	WNW	3	29·76	47·9	—	A.-St., A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16		—	WNW	3	29·75	—	—	—	Cu., St.-Cu.	10	c.	—
,,	20		—	WNW	4	29·79	47·8	—	A.-Cu.	Cu., St.-Cu.	7	c.	—
,,	24		—	WNW	4–5	29·81	48·2	—	Ci.-St., A.-St.	St.-Cu.	6	c.	—
29	4		—	WNW	5	29·83	49·0	—	—	St.-Cu., St.	9	o.c.	—
,,	8		—	WSW	5	29·86	49·2	—	—	Cu., St.-Cu.	10	c.	—
,,	12	50 7	169 11	WNW	5–6	29·90	50·0	—	—	Cu., St.-Cu.	10	c.	—
,,	16		—	W	6	29·90	50·0	—	—	Cu., Cu.-St.	8	c.	—
,,	20		—	W	6	29·92	50·1	—	—	Cu.,St.-Cu., Nb.	—	c.p.	—
,,	24		—	W	6–8	29·97	51·4	—	—	Nb., Cu., St.-Cu.	9	c.p.	—
30	4		—	W	7–8	30·01	50·0	—	—	St.-Cu., St.	10	o.c.q.d.	—
,,	8		—	W	6–7	30·09	50·9	—	A.-Cu.,	Cu., St.-Cu.	7	c.p.	—
,,	12	47 4	171 33	W	6	30·17	52·0	—	A.-Cu., A.-St.	Cu., St.-Cu.	6	b.c.	—
,,	16		—	SSW	6	30·25	51·5	—	—	St.	2	c.	—
,,	20		—	—	—	30·28	51·8	—	A.-St.	St., St.-Cu.	2	b.c.	—
,,	24		—	WSW	2–3	30·31	52·8	—	—	St.-Cu., Nb.	9	c.p.d.	—
31	4		—	Calm	0	30·32	51·8	—	—	Cu., St.-Cu.	9	c.u.	—
,,	8		—	NE	2	30·34	—	—	—	Cu., St.-Cu.	—	—	—
,,	12	44 56	172 53	ENE	2	30·34	59·0	—	A.-St.	St.	1	b.	—
,,	16		—	ENE	4	30·27	54·5	—	Ci.-Cu.	Cu., St.-Cu.	3	b.c.	—
,,	20		—	ENE	5	30·26	55·4	—	A.-St., Ci.-Cu., A.-Cu.	St., St.-Cu.	3	b.c.	—
,,	24		—	NE	7	30·24	56·0	—	A.-Cu., A.-St.	Cu., St.-Cu.	5	b.c.	—
APRIL, 1912.													
1	12	43 56	173 1	WSW	5	30·19	57·5	—	—	—	10	b.c.f.	4
,,	24		—	SSW	3–4	30·28	53·6	—	—	Nb., St.-Cu., Cu.	10	f.c.	2
2	4	43 49 (12 h.)	173 16	SSW	2	30·27	54·8	—	—	St.	8	o.	—
,,	24		—	NNE	—	30·31	56	—	—	St., St.-Cu.	9	o.m.	2
3	4		—	Var.	1	30·28	56·8	—	—	Cu., St.-Cu.	8	o.	—

KEPT ON BOARD "TERRA NOVA."

1911, TO APRIL 3RD, 1912.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	—	—	—	—	—	0.15 : Light NNW breeze sprang up.
—	1	Sly	4	48·3	—	
—	2	Sly	4	48·2	429	
—	2	Sly	4	—	—	18 h. : Clouds St.-Cu., A.-Cu., Ci. and Cu.
—	2	Wly	4	48·0	—	
—	—	—	—	—	—	23 h. : Corona and faint 22½° halo round moon.
W by S	4	—	—	—	—	
WSW	4	WSW	4	48·6	—	
W by S	4	W by S	4	49·2	429	Afternoon and Dogs : Occasional showers.
W	5	SW	4	—	—	
WSW	5	WSW	5	—	—	First : Aurora prevailing behind clouds
WSW	6	WSW	7	—	—	
WSW	6	WSW	7	—	—	0–2 h. : Passing heavy clouds and light squalls. 2.39 : Light drizzle commenced, wind steadied. 8.15 : Sky clearing rapidly.
WSW	6	WSW	7	51·0	—	Forenoon : A few passing showers of light rain.
WSW	6	WSW	6	51·5	429	
—	—	—	—	—	—	17 h. : Wind dropping and veering.
—	—	—	—	52·5	—	
SW	3	SW	6	—	—	
—	—	SW	3	—	—	
—	2	S by E	4	52·9	—	
—	2	SW	6–7	53·6	377	
—	2	SW	5	—		
—	—	Nly	4	54·9	—	
—	—	SSW	5	—	—	
—	—	—	—	—	352	First : 21.40 : Fog lifted. Air damp. 22 h. : Breeze sprang up.
—	—	—	—	—	—	
Sly	2	Sly	3	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	Reached Lyttelton.

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1912.						Inches.	° F.	° F.					
14	12	43 47	173 18	SW	4	30·15	62·5	59·4	False Ci., Ci.-Cu.	—	6	b.c.z.	—
,,	16	43 39	173 33	SE	1	30·13	63·5	59·5	Ci., Ci.-Cu.	—	—	b.c.z.m.	—
,,	20	44 5	173 35	N	3	30·16	55·1	54·3	—	—	10	f.	3
,,	24	44 0	173 9	NNE	0–1	—	—	—	—	—	0	b.	—
15	4	—		ENE	2	30·10	53·8	53·0	—	—	10	f.	3
,,	8	—		ENE	3	30·07	52·8	52·8	—	—	10	f.	3
,,	12	44 48 (12.45)	173 51	NNE	3–4	29·98	53·9	53·8	—	—	10	f.	3–4
,,	16	45 21 (17.27)	174 30	NNE	4	29·86	56·0	54·8	A.-St.	—	8	c.	—
,,	20	45 43 (20.41)	174 44	N	5	29·74	56·0	54·6	A.-St., Ci.-Cu.	St.-Cu., St.	6	c.	—
,,	24	—		N	5	29·58	54·0	54·0	—	—	0	b.	—
16	4	—		WSW	3	29·54	54	53	Ci.-Cu.	St.-Cu.	5	b.c.	—
,,	8	—		WSW	5–6	29·59	52·0	48·2	A.-St.	St.-Cu., St.	10	o.c.	—
,,	12	47 6	176 11	WSW	5–6	29·56	52·0	48·0	A.-St.	St.-Cu.	10	o.c.	—
,,	16	—		W	6–7	29·51	53·0	50·0	—	Cu., St.-Cu.	4	b.c.	—
,,	20	—		WNW	8	29·52	53·4	—	—	Cu., St.-Cu.	4	b.c.	—
,,	24	—		WNW	9	29·49	48·5	44·0	—	Cu.	3	b.c.	—
17	4	—		WNW	8–9	29·51	48	44	—	Cu., St.-Cu.	5	b.c.q.	—
,,	8	48 49	177 53	WNW	7	29·55	49·5	—	A.-St.	Cu., St.	4	b.c	—
,,	12	49 12	178 14	WNW	6	29·54	50·5	46·6	Ci.-St., A.-St.	St.	4	b.c.	—
,,	16	49 39 (17.26)	179 6	NNW	6	29·51	49·9	—	Ci.-St., A.-St., A.-Cu., Ci.-Cu.	St.	6	b.c.m.	—
,,	20	—		NW	5	29·45	47·7	45·2	A.-Cu., A.-St.	Cu., St.-Cu.	10	o.c.	—
,,	24	—		NNW	6	29·39	48	46·8	—	Cu., St.-Cu., Nb.	10	c.d.r.	—
18	4	—		NNW	7	29·27	48	47	—	St.	10	o.c.q.r.	—
,,	8	—		NNW	6	29·21	47·9	—	—	St.-Cu., Nb.	10	o.c.4r.	—
,,	12	51 22	179 19 W.	NNW	3	29·11	48·6	—	—	St.-Cu., Nb.	10	o.c.4r.	—
,,	16	—		NNW	4	29·05	48·8	—	A.-St.	St.-Cu., Cu., Nb.	9	c.p.	—
,,	20	51 59 (20.45)	178 48	NW	2	28·99	47·6	—	Ci.-St., A.-St.	Cu., St.-Cu., Nb.	9	c.p.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
SSW	2	NE	4	58·2	378	Wind dropping after noon.
SEly	2	Confused NE	4	58·2	—	16.30 : Ran into fog (2). Dogs : Wind gradually backing to E.
—	2	Confused NE	4	56·2	—	Fog varying from intensity 2 to 3.
—	—	Confused —	—	—	—	23.30 : Fog cleared.
NE	2	NE	4	—	—	0–2 h. : Fine, cloudless sky. 2 to 4 : Banks of wet fog.
NE	2	NE	4	54·0	—	Forenoon : Fog all watch. Sun shining through occasionally.
NE	3	Confused NE	4	54·0	379	12.50 : Colour of sea, 452.
NE	3	Confused Nly	5	53·2	452 at 12.45	15 h. : Fog lifting.
N by W	4	S and W, Nly and SW	5	53·6	—	19 h. : Clouds from south-westward, very slow.
Nly	5	—	—	—	—	Midnight : Wind steady.
Confused	4	Confused	6	—	—	2 h : Wind from NNW to WSW ; barometer steadied. Sky clouded over. 8.40 : Commenced to rain (slight).
SW by W	5	SW	6, 3	52·4	—	
SW by W	5	Nly SW	6, 4	51·5	453	
SW	6	Nly SW	7	52·0	—	
W	6	W	8	—	—	
W	6	W	8	—	—	
W	6	W	8	—	—	4 h. : Rain squall.
W	6	W, SW	8	48·2	—	8.15 and 11.30 : Passed small quantity of kelp.
W	6	W, SW	8	47·9	452	
W	5–6	W, SW	8	47·2	—	17 h. : Sky completely clouded over with A.-St. (low), St.-Cu., and St. Appearance of rain and fog to Westward. 2nd Dog : Occasional drizzle. Swell subsiding. First : 2½ hours' drizzling rain.
NW	5	W, SW	7	45·9	—	
NW	6	Confused	7	—	—	
NW	7	NW	6	—	—	3 to 4 h. : Wind freshening.
NW SSW	6, 6	NW SSW	7	47·1	—	
—	3	NW Confused	7	—	453	Noon : Lost overboard sea-water thermometer No. 8391. Sun shining through clouds. 17.40 : Small portion of rainbow visible, colours in out, purple, green, yellow, red.
—	3	SW Confused	7	—	—	
		NW Confused	7	—	—	
—	3	SW and W Confused	7	—	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1912.		° ′	° ′			Inches.	° F.	° F.					
18	24		—	WNW	4	28·97	46	—	A.-St.	Nb., Cu., St.-Cu.	7	b.c.l.	—
19	4		—	WSW	9–10	28·98	44	—	—	St.-Cu.	9	c.	—
,,	8		—	WSW	9	29·12	44·6	—	—	Cu., St.-Cu.	6	b.c.	—
,,	12	52 55	177 40	WSW	8	29·22	45·0	42·5	—	Cu., St.-Cu.	8	c.	—
,,	16		—	SW	6	29·41	44·5	39·5	A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	20		—	SSW	—	29·42	43·4	39·0	—	Cu., St.-Cu.	10	o.c.	—
,,	24		—	S	2	29·29	42·2	37·8	—	Cu., St.-Cu.	10	o.c.	—
20	4		—	SSE	4 5	29·19	43·0	38·0	Ci.-St.	St.-Cu., Nb.	10	o.c.	—
,,	8		—	SE	5	29·10	42·0	39·0	—	Nb., St.-Cu.	10	o.c.	—
,,	12	53 47	176 45	SE	6	29·07	42·7	40·2	—	Nb., St.-Cu.	10	o.c.2r.	—
,,	16		—	SSE	7	29·04	43·1	—	—	Nb., St.-Cu.	10	o.c.4r.	—
,,	20		—	SSE	7	29·14	42·4	—	—	Nb., St.-Cu.	10	o.c.p.	—
,,	24		—	SSE	7	29·21	41·0	40	A.-St., A.-Cu.	St.-Cu., Nb.	8–10	o.c.p.	—
21	4		—	SSW	7	29·35	42	—	—	St.-Cu., Nb.	10	o.c.p.q.	—
,,	8	54 19 (9 h.)	177 48	SSW	6	29·42	41·4	40·1	—	St.-Cu., Nb.-Cu., Nb.	10	o.c.	
,,	12	54 28	177 23	SSW	6	29·48	42·8	40·9	—	St.-Cu., Nb.-Cu., Nb.	10	o.c.p.	—
,,	16	54 36 (15.35)	176 47	SSE	4	29·54	42·3	40·7	—	St.-Cu., Nb.-Cu., Nb.	10	o.c.	—
,,	20	54 38 (21.45)	176 24	S	3	29·62	42·8	39·9	—	St.-Cu., Nb.-Cu., Cu., Nb.	10	o.c.	—
,,	24		—	SSW	3	29·66	41	37	—	St.-Cu., Nb.	9	o.c.p.	—
22	4		—	SSW	4–5	29·77	40·8	36·7	—	St.-Cu., St.	9	o.c.	—
,,	8		—	SSW	5	29·87	41·0	37·0	A.-Cu.	Cu., St.-Cu., St.	4	b.c.	—
,,	12	55 10	175 34	S	5	29·95	42·0	37·5	A.-Cu.	Cu., St.-Cu., St.	6	b.c.	—
,,	16		—	SSW	5	30·01	45·2	38·8	—	Cu.	3	b.c.	—
,,	20	55 34 (21 h.)	174 35	SSW	3–4	30·08	43·2	38·8	—	Cu., Det. Cu.	4	b.c.	—
,,	24		—	WNW	2–3	30·05	42·0	38·2	—	St.-Cu.	2	b.c.p.	—
23	4		—	NNW	5–6	30·03	42·8	40·2	Ci., A.-Cu.	Cu., St.-Cu., St.	8	c.	—
,,	8		—	NNW	5	29·90	44·4	41·8	A.-Cu.	Cu., St.-Cu., St.	9	c.	—
,,	12	56 46	173 11	NNW	6–7	29·71	43·2	41·1	—	St.-Cu., St.	10	c.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
W	4	Confused	6	—	—	23.30 : Lightning flashes to the Eastward.
SW	8	SW	6	—	—	1.45 : Wind changing from W to SW, freshening very rapidly.
SW	6	SW	8	—	—	
SW	6	Confused SW	8	—	454	Afternoon : Large Sly swell making itself felt.
SSW	6	Confused S	8	—	—	1st Dog : Wind, sea, and swell decreasing rapidly.
SWly	5	Confused S and SW	7, 8	—	—	First : Some attempts at passing showers.
SSW	6	Confused SSW	6–7	—	—	
		Confused				
SE	3	S	6	—	—	Bank of Nb. in S and SW.
SE	4	SEly	6	—	—	
SE	5	SE	6	—	430	
SE	6	SE	7	—	—	
SEly	6	SE by S	7	44·9	—	
SSE	6	SSE	7	—	—	23·45 : Southern lights visible.
SSE	6	SSE	6	—	—	
Sly	6	Sly	6	—	—	Forenoon : Showers (moderate). 11 h. : Hail shower
Sly	6	Sly	6	—	455	
Sly	6	Sly	6	—	—	
Sly	4	Sly	6	44·0	—	
Sly	4	Sly	6	—	—	
S	4	SSE	5	—	—	
S	5	S by E	6	—	—	
S by E	5	S by E	6	—	403	
S by E	4	S by E	6	—	—	
Sly	3	S by E	7	43·5	—	20.30 : Sky clouding over (St.-Cu.). 21.15 : Sky cleared. 21.30 : Calm.
Wly	2	S and SE Confused	7	—	—	
NW	4	SE	6	—	—	3 to 3.30 : Remarkable sun-dog, red and white vertical, about 15° W of sun and same altitude (3° or 4°) ; lasted 20 minutes. Later another rainbow-hued, 10° E and 6° altitude, in almost clear sky.
NW	4	NW	6	—	—	
NW	6	NW	7	43·0	430	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1912.		° ′	° ′			Inches.	° F.	° F.					
23	16	—		NNW	9	29·46	41·0	40·0	—	St.-Cu., Nb.	10	2½r.c.q.	—
,,	20	—		NNW	8–9	29·26	43·1	42·4	—	Nb.	10	c.q.4r.	—
,,	24	—		W	4–5	29·24	42·0	39·5	—	St.-Cu., Nb.	8	o.p.c.q.	—
24	4	—		WNW	8	29·23	41·0	38·6	—	St.-Cu., St.	10	o.c.	—
,,	8	59 8 (9.6)	169 48	W	8	29·20	39·0	37·0	—	St.-Cu., St.	10	o.c.	—
,,	12	59 28	169 33	WSW	8	29·16	40·0	38·4	—	St.-Cu., Nb.	10	o.c.	—
,,	16	—		WSW	7–8	29·16	39·0	37·0	—	St.-Cu.	10	o.c.	—
,,	20	—		WSW	5	29·15	38·0	36·1	—	St.-Cu.	10	o.c.	—
,,	24	—		W	4–5	29·11	36·5	35·2	—	St.-Cu.	10	c.	—
25	4	—		W	6–7	29·04	36·0	35·0	—	St.	10	o.q.r.	—
,,	8	—		WSW	6	29·08	33·3	32·2	—	St.-Cu., St.	10	o.c.	—
,,	12	61 34	168 31	WSW	4–5	29·10	34·1	31·5	A.-Cu.	St.-Cu., St.	8	o.c.	—
,,	16	—		WSW	4–5	29·10	31·0	29·5	—	St.-Cu., St., Nb.	10	o.c.s.	—
,,	20	62 20 (21 h.)	167 45	SW	2	29·07	32·9	32·5	A.-Cu.	St.-Cu., St., Nb.	10	o.c.¼s.	—
,,	24	—		WSW	5	29·08	33·0	—	—	St.-Cu., Nb.	10	o.c.s.	—
26	4	—		WSW	5	29·12	32·5	—	A.-Cu.	St.	8	o.c.	—
,,	8	63 16 (7.24)	166 40	WSW	5	29·14	32·7	—	—	St.-Cu., St.	10	o.c.	—
,,	12	63 43	166 36	W	5	29·12	32·1	31·4	—	St.-Cu., St.	10	o.c.	—
,,	16	—		W	5	29·09	32·0	31·2	—	St.-Cu., Nb.	10	o.3s.	—
,,	20	64 33	166 30	W	4	29·03	32·1	31·0	A.-Cu.	St.-Cu., St.	9	o.c.	—
,,	24	—		W	5	29·03	31·1	30·0	A.-St.	St.-Cu., St., Nb.	10	o.c.	—
27	4	65 25 (6 h.)	166 1	WSW	6	28·98	31·2	29·8	—	St.-Cu., St.	10	o.c.q.	—
,,	8	—		WSW	3	28·93	31·0	28·2	A.-Cu.	St., St.-Cu.	8	o.c.	—
,,	12	65 53	165 56	ENE	2–3	28·80	—	—	—	St.-Cu., St.	10	o.c.	—
,,	16	—		NNE	2–3	28·73	32·8	30·0	—	St.-Cu., St.	10	o.c.	—
,,	20	66 39	166 8	SSE	2	28·82	31·8	28·9	—	Cu., St.-Cu., St.	9	o.c.	—
,,	24	—		W	2–3	28·97	30·5	30·5	—	St.-Cu., St.	10	o.c.	—
28	4	—		NW	4	28·98	30·5	29·0	—	St.-Cu., St.	10	o.c.	—
,,	8	—		N	4·5	28·88	30·3	30·3	—	St.-Cu., St.	10	o.c.½s.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	7	NW	8	—	—	
NW	7	NW	8	—	—	20.30 : Rain ceased, wind backing to westward and easing.
W by S	6	W by S NE Confused	8	—	—	21.15 : Wind W, force 6.
W	7	NW	7	—	—	0–4 h. : Wind unsteady in force.
WSW	7	WSW Confused	8	—	—	8–9 : Showers of sleet.
SW	7	SW Confused	8	—	—	
SW	7	SW Confused	8	—	—	
SW	6	SW Confused	7	—	—	
SW	6	SW Confused	7	—	—	
WSW	6	SW	7	—	—	0–4 : Rain and sleet intermittently throughout watch.
SW	5	SW	6–7	33·8	—	
SW	5	SW	6	33·0	428	15.40 : Heavy snow shower lasting 20 minutes.
SW	5	SW	6	32·4	—	Dogs : Light snow on and off all the watch.
Sly	3	SWly	6	—	—	
SWly	5	SWly	6	—	—	
SWly	5	SWly	6	—	—	0–4 : Low drifting scud, almost mist.
SW	5	SW S	6, 6	31·2	—	
SW	5	SW S	6, 6	31·1	405	
SW	5	SWly S	6, 6	31·0	—	
SW	4	SW	6	—	—	First : Occasional snow showers.
SW	4–5	SW	6	30·8	380	Midnight : Colour of sea due to diatoms.
SW	5	SW	5	—	—	
SWly	3	SWly S	5, 5	31·8	—	
SWly	3	SWly Confused	5	31·2	335	
—	3	SWly Confused	6	31·0	—	
—	3	SW Confused	5	—	—	
SW	2	SW	4	—	—	
W	4	SW	3	—	—	
Wly	3	Wly Confused	4	30·4	—	Forenoon : Snow (moderate) off and on during watch.

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True.)	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
December, 1912.		° ′	° ′			Inches.	° F.	° F.					
28	12	67 50	166 24	NW	4–5	28·75	31·0	30·5	—	St.-Cu., St., Nb.	10	o.c.3s.	—
,,	16	—		NNW	3–4	28·66	31·2	31·0	—	St.	10	o.2s.f.	4
,,	20	68 37	166 14	E	2–3	28·53	30·8	30·1	—	St.	10	o.c.4f.	4
,,	24	—		ESE	3–4	28·47	29·6	29·0	—	Nb.	10	o.c.3s.f.	4
29	4	68 49 (2.55)	166 10	SSE	5	28·46	28·8	28·4	Ci., Ci.-Cu.	Cu., St.-Cu.	6	b.c.	—
,,	8	69 13 (7.36)	166 15	S	4–5	28·45	30·9	28·9	A.-Cu.	Cu.	6	b.c.	—
,,	12	69 29	166 14	SSW	2–3	28·56	29·8	27·5	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16	—		Calm	0	28·61	—	—	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	4	b.c.	—
,,	20	69 51	166 17	Calm	0	28·64	27·8	26·4	Ci.-Cu., A.-Cu., A.-St.	Det. Cu., Cu., St.-Cu., St., Nb.	4	b.c.	—
,,	24	—		Calm	0	28·65	27·5	26·5	A.-Cu., A.-St.	St.-Cu., St., Nb.	4	b.c.½s.	—
30	4	—		NW	1	28·66	26·8	26·6	—	Cu., St.-Cu.	9	o.c.	—
,,	8	70 29 (8.16)	166 17	Calm	0	28·69	32·2	29·0	—	Cu., St.-Cu., St.	9	o.	—
,,	12	70 38	166 15	E	1	28·73	30·8	29·4	A.-Cu.	Cu., St.-Cu.	9	c.	—
,,	16	—		SE	1	28·79	29·8	27·8	A.-St.	St., Cu.	10	c.	—
,,	20	70 57	166 12	SW	0–1	28·84	32·2	30·0	A.-St.	St., Cu.	10	c.	—
,,	24	—		SW	0–1	28·92	24·5	24·0	Ci., A.-St.	St., St.-Cu., Cu.	6	b.c.	—
31	4	—		W	2	29·00	24·0	—	Ci.-St.	—	1	b.	—
,,	8	71 7 (7.23)	166 14	WSW	3	29·06	27·8	25·9	A.-Cu., A.-St.	A.-Cu., A.-St.	3	b.c.	—
,,	12	71 13	166 12	WSW	3	29·14	31·5	28·9	A.-St, Ci.-St., Ci.-Cu.	—	0	b.c.	—
,,	16	—		WSW	3	29·10	32·5	30·0	A.-Cu., A.-St.	Cu.	1	b.	—
,,	20	71 23	166 3	WSW	2–3	29·08	27·0	—	A.-Cu., A.-St.	Cu.	1	b.	—
,,	24	—		NW	1–2	29·05	19·2	—	—	—	0	b.f.	2
January, 1913.													
1	4	—		NW	2	29·03	20·3	—	—	—	0	b.f.	4
,,	8	—		W	3	29·02	25·0	25·0	—	Cu., St.-Cu.	2	b.	—
,,	12	71 34	166 1	W	3	29·01	—	—	—	Cu., St.-Cu.	3	b.c.	—
,,	16	71 35 (15.28)	166 0	WNW	4–5	28·98	29·0	27·2	A.-Cu., A.-St.	Cu., Det. Cu.	2	b.	—

KEPT ON BOARD "TERRA NOVA,"

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
Wly	2	Wly	4	30·3	340	Afternoon : Fog (moderate) all watch. Occasional light snow.
Wly	2	Confused Wly	4	30·4	—	First Dog : Fog increased in density (3–4) all watch.
—	2	Confused Wly	4	—	—	Second Dog : Fog 3–4. Calm from 17 h. to 19.45. 20 h. : Rime on rigging.
ENE	3	Confused Wly	4	—	—	
Ely	3	WNW	5	—	—	0–3 : Fine snow.
—	2	W	5	29·8	429	Cleared at 8 h. Colour of sea now 429.
Pack	—	W	5	29·5	—	Noon : Colour of sky to E, greenish to blue (light).
,,	0	W	5	—	—	
,,	0	W, NE	5	29·0	430	First : Half an hour's snow.
In pack				—	—	
In pack		NW	4	—	—	Morning : The period of the Wly swell is much longer than the Nly. 16.30 : Faint 22½° halo round sun, showing a tinge of reddish colour just above sun. Little Cu. round horizon ; principally A.-St. clouds. The halo measured by sextant had a radius of 22½°, but the clouds are typically A.-St. and this might be a corona of that diameter. 20 h. : 22½° halo (altitude of sun 9°), little colour above sun. Good mock sun to left and faint one to right of sun. Colour in out red, yellow, greenish. At 20 h. sky almost entirely A.-St. Notwithstanding presence of halo it does not appear to be Ci.-St.
,, ,,		W	4	—	—	
,, ,,		NNE	4			
,, ,,		W	4	—	—	
,, ,,		Nly	3			
,, ,,		NW	4	—	—	
,, ,,		NW	4	29·0	—	
,, ,,		NW	4	—	—	
,, ,,		NW	2	—	—	
,, ,,		Wly	3	—	—	
In pack				—	—	Noon : Slight swell in pack, apparently Wly.
,, ,,				—	—	16 h. : Cu. on horizon.
,, ,,				28·9	—	23 h. : Low fog rising.
,, ,,				—	—	Midnight : Fog low-lying.
,, ,,				—	—	Fog in belts.
,, ,,				—	—	8 h. : Rime on rigging.
,, ,,				—	—	
,, ,,				29·0	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1913.		° ′	° ′			Inches.	° F.	° F.					
1	20		—	SSW	4	28·94	25·4	25·0	A.-Cu., Ci.-Cu., A.-St.	St., Cu.	5	b.c.	—
,,	24		—	WNW	4	28·91	23·2	22·8	A.-Cu., Ci., Ci.-St.	St., Cu.	6	b.c.	—
2	4		—	WNW	5	28·86	24·8	24·0	—	St.	9	o.	—
,,	8		—	WNW	5	28·83	26·8	26·0	A.-St.	St.	10	o.c.	—
,,	12	71 37	165 55	WNW	4	28·80	—	—	—	St.-Cu., St.	10	o.c.	—
,,	16		—	W	5	28·73	29·0	27·9	—	St.-Cu., St., Nb.	10	o.c.s.	—
,,	20		—	WSW	7	28·76	26·6	26·2	—	St.-Cu., Nb.	10	o.c.1s.	—
,,	24		—	NW	5	28·80	26·0	25·5	—	St., St.-Cu., Nb.	9	o.c.2½s.	—
3	8		—	WSW	5–6	28·80	28·2	28·0	—	St.-Cu., St.	10	o.c.	—
,,	12	71 29	166 0	WSW	5–6	28·85	29·1	26·8	A.-St., A.-Cu.	St.-Cu., St.	6	b.c.	—
,,	16		—	WSW	4–5	28·87	27·4	—	—	St.-Cu., Cu.	10	c.	—
,,	20		—	WSW	3	28·87	26·0	24·6	A.-Cu.	St.-Cu., St.	6	b.c.	—
4	8		—	WSW	2	28·94	27·0	—	—	St.	10	f.	3
,,	12	71 29	165 50	E	1–2	28·92	30·9	29·5	A.-Cu.	St.-Cu.	4	b.c.	—
,,	16		—	E	1–2	28·94	31·0	29·9	—	St.-Cu., St.	10	c.	—
,,	20		—	E	2–3	28·95	29·4	29·2	A.-Cu., A.-St.	St.-Cu., Nb.	9	c.s.	—
,,	24		—	SSE	2–3	28·98	28·0	27·2	A.-Cu., A.-St.	St.-Cu., St., Nb.	9	c.4s.	—
5	4		—	SSE	2	29·00	28·5	—	—	St.	10	o.4s.	—
,,	8		—	WSW	3	29·02	30·5	29·4	—	St., Nb.	10	o.¼s.	—
,,	12	71 35	166 26	WNW	2	29·06	33·0	31·1	A.-Cu., A.-St.	St.-Cu., Cu., St.	8	o.c.	—
,,	16		—	WNW	2	29·09	33·6	—	A.-Cu.	St.-Cu., Cu.	8	c.	—
,,	20	71 41	166 47	WSW	0–1	29·09	30·0	28·9	A.-Cu.	St., Cu.	2	b.	—
,,	24		—	WNW	1	29·12	28·5	27·5	A.-Cu.	St.-Cu.	7	c.	—
6	8		—	WNW	1	29·05	28·1	26·9	A.-Cu., A.-St.	—	2	b.	—
,,	12	71 41	166 46	WNW	1	29·01	31·0	29·0	A.-St., Low Ci.	—	2	b.	—
,,	16		—	WNW	1	28·96	32·9	31·4	A.-St., Low Ci., A.-Cu.	—	2	b.	—
,,	20		—	SSW	2	28·96	25·4	25·0	—	St., Nb.	10	b.s.½f.	3
,,	24		—	WNW	2	29·00	—	—	—	St.-Cu.	3	b.c.½s.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
In pack				—	—	
,,	,,			—	—	
In pack		SW	3	—		
,,	,,	W	5	28·8	—	
,,	,,	W	5	—		
,,	,,	W	5	—		16 h. : Commenced to snow (slight).
In pack				28·8	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			28·8	—	
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	7.30 : Fog came up. 8 h. : Sun shining through fog.
,,	,,			—	—	11 h. : Fog clearing off.
,,	,,			—	—	
,,	,,			—	—	20 h. : Commenced to snow (slight).
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	7.45 : Commenced to snow (slight).
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	19.30 : Snow (moderate) for 15 minutes.
,,	,,			—	—	
,,	,,			—	—	
,,	,,			—	—	18 h. : Sky clouded over, St. and low A.-St. from E. Wind SE 4 Appearance of mock sun to E. 19.30 : Commenced to snow (slight). 20 h. : Rime on rigging. 20.30 : Snow ceased. 21 : Sky clearing.
,,	,,			—	—	
,,	,,			—	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer Corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1913.		° ′	° ′			Inches.	° F.	° F.					
7	8	—		WSW	3–4	29·14	27·5	26·8	A.-Cu.	St.-Cu.	3	b.e.	—
,,	12	71 37	166 47	W	3–4	29·18	30·9	—	A.-St., Low Ci., and St.	—	3	b.e.	—
,,	16	—		WNW	3	29·20	27·2	26·4	—	St.-Cu.	10	e.	—
,,	20	—		NNW	3	29·19	27·2	26·5	—	St.-Cu.	10	e.	—
8	4	71 36 (7.23)	166 47	SE	3	29·15	27·0	—	A.-Cu.	St., Nb.	10	e.	—
,,	8	—		SSE	4	29·15	28·8	27·5	A.-Cu.	St.-Cu.	6	b.e.	—
,,	12	71 41	167 6	SE	4–5	29·14	28·4	27·0	A.-Cu.	St.-Cu.	10	o.e.	—
,,	16	—		SE	5	29·14	26·5	25·5	A.-Cu., A.-St.	Cu., St.-Cu., St.	6	b.e.	—
,,	20	71 49 (19.38)	167 31	SSE	4	28·86	26·9	26·1	A.-Cu., A.-St.	St.-Cu.	8	e.	—
,,	24	—		SSE	6–7	28·93	26·2	25·0	A.-Cu., A.-St.	St.-Cu., St.	8	e.	—
9	8	71 44	167 57	SSW	6–7	29·11	25·9	24·2	A.-Cu.	St.-Cu., St.	9	e.	—
,,	12	71 44	167 57	WSW	6	29·21	28·4	27·1	A.-Cu.	St.-Cu.	6	b.e.	—
,,	16	—		SW	5	29·31	30·5	28·5	A.-St.	—	1	b.	—
,,	20	—		WSW	3–4	29·42	29·6	28·5	A.-Cu., A.-St., Ci.-Cu.	Cu., St.-Cu.	3	b.e.	—
10	2	—		N	4	29·39	28·3	—	—	St., Nb.	10	o.	—
,,	4	—		NNW	3	29·39	30·3	29·6	—	St., Nb.	10	e.	—
,,	8	—		NNW	3	29·38	30·2	—	—	St., Nb.	10	o.2½s.	—
,,	12	71 58	168 41	N	3	29·41	32·4	31·5	—	St.	10	o.3s.f.	2
,,	16	—		NNW	4–5	29·39	33·0	32·0	—	St., Nb.	10	o.e.	—
,,	20	—		NNW	5–6	29·38	32·5	32·1	—	St., Nb.	10	o.e.3r.f.	1
,,	24	—		NNW	5–6	29·39	32·4	32·0	—	St., Nb.	10	o.e.3r.f.	1
11	8	—		NNE	5	29·48	—	—	—	St.	10	o.e.f.	1
,,	12	71 59	168 43	NNE	4	29·50	30·8	29·0	—	St.	10	o.e.f.	1
,,	16	—		NNE	4	29·48	29·3	29·0	—	St.	10	o.e.f.	2
,,	20	—		ENE	3–4	29·46	—	27·8	—	St.	10	o.e.f.	3
,,	24	—		ESE	3	29·42	—	26·2	—	St.	10	o.e.f.	4
12	8	72 1	168 17	ESE	7	29·32	30·4	29·8	A.-Cu.	St.-Cu., St.	6	b.e.	—
,,	12	72 0	168 17	ESE	7	29·31	31·5	30·8	—	St.-Cu., St.	10	e.	—
,,	16	—		ESE	5	29·31	32·0	31·5	—	St.	10	e.m.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	Forenoon : SWly swell beginning to make itself felt.
	,,	,,		29·0	—	Noon : Band of low Ci.-St. running from N to S across heavens ; passing west side of zenith about 2° broad. 16 h : Long low swell approaching from SW. 18 h. : Wind eased to force 1–2.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	2 h. : Wind NEly. 4 h. : Slight snow occasionally.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		28·9	—	20 h. : Very slight westerly swell running. 21.45 : A.-St., Ci.-St., and low Ci. (amount 4). Ci. and Ci.-St. radiating from SE.
	,,	,,		—	—	Bright mock sun to left of sun at 22½°. Bright red yellow, greenish from sun side out.
	,,	,,		—	—	
	,,	,,		—	—	2 h. : Slight snow shower.
	,,	,,		—	—	5.30 : Commenced to snow slight to moderate.
	,,	,,		—	—	11 h. : Snow stopped (from 9 to 11 fall moderate).
	,,	,,		—	—	
	,,	,,		28·8	—	16.45 : Commenced to rain (moderate). 18 h. : Rain and sleet.
	,,	,,		—	—	18.15 : Rain continued. First till 23 h. : Rain slight but continuous.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		29·2	—	13 h. : Fog increased to intensity 3.
	,,	,,		—	—	
	,,	,,		—	—	20 h. and 23 h. : Rime on rigging.
	,,	,,		—	—	
	,,	,,		—	—	8 h. : Rime (heavy) falling from rigging, etc.
	,,	,,		—	—	
	,,	,,		—	—	18 to 20 h. : Occasional showers.

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. W.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1913.		° ′	° ′			Inches.	° F.	° F.					
12	20		—	ESE	4	29·33	31·5	30·4	—	St.-Cu., St.	10	e.	—
,,	24		—	E	3	29·35	30·0	29·8	—	St.-Cu., St.	10	e.f.	2
13	4		—	ENE	4	29·38	30·5	—	—	St.	10	o.m.r.s.	—
,,	8		—	ENE	3	29·41	31·5	31·0	—	St.-Cu., St.	10	o.m.3s.	—
,,	12	72 22	169 31	N	3	29·37	—	—	A.-St.	St.-Cu.	10	o.e.	—
,,	16		—	SSE	1	29·37	—	—	A.-St.	St.-Cu., Nb.	10	o.e.4s.	—
,,	20		—	Calm	0	29·35	—	—	A.-St., A.-Cu.	St.-Cu.	9	e.3s.	—
,,	24		—	WNW	1	29·34	31·5	30·2	St.	St.	10	o.	—
14	8		—	SSE	3	29·25	29·8	28·2	—	St.-Cu., St.	10	e.	—
,,	12	72 45	172 51	SSW	2	29·23	31·0	28·8	—	St.-Cu.	10	e.	—
,,	16		—	SSE	3	29·19	30·8	29·5	—	St.-Cu.	10	e.	—
,,	20		—	SSE	—	29·26	29·8	29·2	A.-Cu.	St.-Cu., Cu.	8	e.	—
,,	24		—	SSE	5	29·17	26·2	26·0	A.-Cu.	St.-Cu., Cu.	9	e.	—
15	4		—	SSE	4	29·15	27·0	—	—	Cu., St.-Cu.	10	o.e.	—
,,	8	73 41 (8.30)	177 20 E	SSE	4	29·16	26·0	25·4	—	St.-Cu.	10	o.e.	—
,,	12	73 48	177 15	SSE	4	29·17	26·5	25·0	—	St.-Cu., St.	10	o.e.	—
,,	16		—	SSE	4–5	29·17	26·5	25·8	—	St.-Cu., St.	10	o.e.	—
,,	20	74 25	179 3	SE	5	29·21	27·5	25·6	—	St.-Cu., St., Nb.	10	o.e.	—
,,	24		—	SSE	5	29·24	27·5	26·0	—	St.-Cu., St., Nb.	—	o.e.s.	—
16	4	74 49 (5.53)	177 12	SE	5–6	29·28	28·6	—	—	St.-Cu.	9	o.e.	—
,,	8	75 1 (8.40)	176 22	SE	5–6	29·32	28·4	27·5	—	St.-Cu.	7	e.	—
,,	12	75 14	175 16	SE	5	29·38	29·2	27·0	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	4	b.e.	—
,,	16	75 24 (17.12)	173 5	S	3	29·42	31·0	28·2	Ci.-Cu., A.-Cu.	Cu., St.-Cu.	7	e.	—
,,	20		—	S	4	29·44	31·4	29·5	Ci.-Cu., A.-Cu., A.-St.	St.-Cu., Cu., det. Cu.	8	e.	—
,,	24		—	SW	4	29·43	—	—	Ci., A.-St.	St.-Cu., Cu.	8	e.	—
17	4	76 3 (6.50)	169 31	SW	3	29·42	31·5	29·5	Ci., A.-St.	St.-Cu., St.	3	b.e.	—
,,	8	76 10 (8.55)	169 10	Calm	0	29·42	—	—	—	Cu.	1	b.	—
,,	12	76 24	168 43	WNW	1	29·41	—	—	—	Cu.	1	b.	—
,,	16		—	Calm	0	29·38	—	—	—	Cu.	1	b.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	20 h. : Slight southerly swell.
	,,	,,		—	—	
	,,	,,		—	—	0 to 2 h. : Light misty rain. 2 to 4 : Light to fairly heavy snow.
	,,	,,		—	—	Morning : Occasional slight snow showers.
In pack		Sly, Wly	5	—	—	Forenoon : A.-St. very low.
,,	,,	Sly, Wly	5	—	—	16 h. : A.-St. very low. Afternoon : Slight snow all watch.
,,	,,	Sly, Wly	5	—	—	Dogs : Snow slight till 19 h. ; rather heavier between 18 and 19.
,,	,,	NW	5	—	—	
Loose pack	—	Sly, Wly	3	—	—	
,,	—	Wly	3	—	—	
,,	—	Wly	3	30·5	—	19.30 : Snow showers.
,,	1	Wly	3	—	—	
,,	—	—	—	—	—	
—	—	—	—	—	—	
—	1	Wly	3	30·8	—	
—	2	Wly	3	31·0	340	Noon and 16 h. : Green colour of sea due to diatoms.
—	2	Wly	3	31·0	334	
—	2	Wly	2	—	—	
	In pack			—	—	
—	—	—	—	—	—	8 h. to 20 h. : Green colour of sea due to diatoms.
NE	4	NE	4	33·5	—	
NE by E	4	NE	4	—	327	
NE	3	NE	3	33·4	—	
Ely	3	Ely	4	35·0	—	20 h. : Considerable mirage (Sea temperature checked.)
—	—	—	—	—	—	
—	—	—	—	—	—	
Calm	0	Calm	0	33·0	326	
Calm	0	NWly	2	—	403	Noon : Belt of fog to W (true).
Calm	0	—	1	35·6	—	Afternoon and Dogs : Fog hanging about to westward (true).

TABLE 88. METEOROLOGICAL LOG

3RD VOYAGE. DECEMBER 14TH,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour 12 hrs. fast on G.M.T.	Lat. S	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
JANUARY, 1913.		° ′	° ′			Inches.	° F.	° F.					
17	20		—	WNW	2	29·41	30·0	29·0	A.-Cu.	Cu.	2	b.2f.	2
,,	24		—	WNW	1	29·40	24·0	23·0	—	—	—	b.f.	4
18	4		—	Calm	0	29·38	25·2	—	—	—	—	b.f.	4
,,	8		—	Calm	0	29·37	28·0	26·8	—	—	—	b.f.	3
,,	12	Off Cape Royds		Calm	0	29·41	28·7	26·5	—	St.-Cu., St.	7	c.f.	1
,,	23	13.30 : Off Cape Evans	—	E	2–3	29·40	27·1	25·1	A.-Cu.	Cu., St.-Cu.	7	b.c.	—
19	8		—	ENE	1–2	29·37	28·0	26·5	A.-Cu.	St.-Cu., Cu., St.	10	o.c.	—
,,	12	At Cape Evans		NNE	2	29·42	31·6	28·5	A.-Cu.	St.-Cu., Ci.	10	o.c.	
,,	16		—	SE	4	29·47	29·9	29·8	A.-St., A.-Cu.	Cu.	6	b.c.	—
,,	20	Off Inaccessible Island at 24 h.		E	2	29·51	24	23	Ci.-St., Ci.	St.-Cu.	4	b.c.	—
20	4	77 47 (6 h.)	166 8	ENE	1	29·49	27·6	26·8	A.-St., Ci.	St.	2	b.c.f.	1
,,	8		—	ESE	2	29·48	16·6	16·2	A.-St., A.-Cu., Ci.-St.	Cu., St.-Cu.	6	b.c.	—
,,	12	77 47	166 8	ENE	2	29·48	24·5	22·8	Ci.-St., A.-St., Ci.-Cu.	Cu.	6	b.c.	—
,,	20		—	ENE	2	29·45	23·3	22·6	A.-St., A.-Cu.	St.-Cu., St.	9	c.	—
21	8		—	Calm	0	29·40	25·0	24·0	A.-St., A.-Cu.	St.-Cu., Nb.	8	c.	—
,,	12	77 47	166 8	NE	Airs	29·36	31·0	28·8	A.-St., Nb.	St.	9	c.	—
,,	16		—	ENE	1–2	29·39	30·0	27·6	Cu.	Cu.	8	c.	—
,,	20	23.20 : Proceeded		ESE	1–2	29·39	22	20·6	St.-Cu.	Nb.	2	b.c.	—
,,	24		—	SSE	2	29·41	15	14·5	St.-Cu., Ci.-Cu.	St.-Cu.	4	b.c.	—
22	4		—	SSE	4	29·40	19·4	18	A.-Cu., A.-St.	St.-Cu., St.	3	b.c.	—
,,	8	12 h. : Off Cape Roberts		SSW	1	29·38	35·0	31·2	—	St., St.-Cu.	½	b.	—
,,	12		—	—	—	—	35·2	32·0	—	St., St.-Cu.	½	b.	—
,,	16		—	S	2	29·39	27·2	26·8	A.-Cu., A.-St.	—	3	b.c.	—
,,	20		—	SSE	3–4	29·40	26·2	25·0	A.-St., A.-Cu.	St.-Cu.	9	c.	—
,,	24		—	S	Airs	29·39	18·0	17·3	A.-St., A.-Cu.	St.-Cu., St.	8	c.	—
23	4	3.30 : Proceeded		SSW	2	29·39	—	—	A.-St.	—	½	b.c.	—
,,	8		—	Calm	0	29·41	28·2	26·8	A.-St.	—	½	b.	—
,,	12	76 32	163 50	WSW	Airs	29·43	36·0	32·0	A.-St.	—	½	b.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	1	—	1	36·5	—	20.30 : Fog density 4. Rime on rigging, etc. A peculiar choppy swell setting NE and SW (opposite directions probably due to proximity of land). Sea temperatures at 16 h. and 20 h. checked.
SSE	1	SWly, NE	3	—	—	
—	—	—	2	—	—	Fog low and in waves. 4.10 : Fog cleared. 5.30 : Running into fog again. Morning : Fog intensity 2 to 4, lifting and falling.
Calm	0	Calm	0	32·5	—	
—	—	—	—	—	—	
—	1	—	1	34·5	—	Sea temperature at 23 h. checked.
—	1	—	1	—	—	8 h. : Sun on western horizon (true).
—	1	—	1	—	—	
—	1	—	1	33·4	—	
—	—	—	—	—	—	
Calm	0	—	1	—	—	6 h. : Low mist over sea ice.
—	1	—	1	32·6	—	Considerable mirage all day.
—	—	—	—	—	—	
—	1	—	1	—	—	
—	1	—	1	31·2	—	8 h. : Snow on Western Mountains. Remainder clouded. Snow about.
—	1	—	1	31·6	—	
—	1	—	—	31·8	—	16 h. : Snow on Western Mountains and Barrier to S. A few crystals of snow (sago) falling. 20 h. : Low bank of clouds to NW.
—	1	—	—	32·3	—	
—	1	—	—	—	—	
NNE	3	—	—	—	—	
NEly	1	—	—	33·9	—	
Nly	1	—	—	31·3	—	
	In pack			31·0	—	14 h : Ship secured alongside ice at entrance of Granite Harbour.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		32·0	—	
	,,	,,		—	—	
	,,	,,		—	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1913.		° ′	° ′			Inches.	° F.	° F.					
23	16	—		WSW	Airs	29·47	—	—	—	St.	½	b.	—
,,	20	—		SW	Airs	29·46	—	—	A.-St.	Cu., Ci.	1	b.c.	—
,,	24	—		WSW	1–2	29·47	30	30	A.-St.	St.-Cu., Cu., Nb.	8	c.f.s.	—
24	4	76 20 (5.12)	167 7	SW	3	29·47	24·2	—	A.-Cu.	St.-Cu., Nb.	4	ls.b.c.	—
,,	8	—		Calm	0	29·52	—	—	Ci.-St.	Cu.	1	b.c.	—
,,	12	76 3	167 26	NW	1	29·53	27·0	—	Ci.-Cu.	Ci.-St.	4	b.c.	—
,,	16	—		W	1	29·56	26·0	23·8	Ci.	Ci.-St.	½	b.c.	—
,,	20	75 58	167 45	NW	Airs	29·56	24·5	23·2	Cu.	A.-St.	½	b.c.	—
,,	24	—		SW	1	29·56	23·5	23	St.-Ci., Ci.	St.	4	b.c.	—
25	4	—		Calm	0	29·57	20·6	19·8	A.-St., Ci.	St.	2	b.	—
,,	8	75 42 (9.43)	167 31	Calm	0	29·58	—	—	A.-St., A.-Cu.	—	1½	b.	—
,,	12	75 39	167 25	Calm	0	29·59	33·0	30·8	A.-St., A.-Cu.	—	1½	b.	—
,,	16	75 18 (18.33)	166 6	W	Airs	29·58	31·8	29·0	Ci.-St., A.-St.	Cu.	4	b.c.	—
,,	20	75 15	165 52	NNW	2	29·56	29·2	27·0	Ci.-St., St.	Cu.-St.	2	b.c.	—
,,	24	75 2	164 53	SW	3	29·56	27·0	24·0	Ci., Ci.-St., A.-St.	Cu.-St.	7	b.c.	—
26	4	3.15 to 6.15: In Arrival Bay Terra Nova Bay		NW	2	29·59	19	—	—	—	—	—	—
,,	8			WNW	2	29·58	23·3	22·3	St.	Small C.	9	b.c.	—
,,	12	74 55	165 56	SSE	2	29·56	25·5	23·3	St., Ci.-St.	Small C.	9	—	—
,,	16	74 51	168 3	SSE	1–2	29·54	—	—	St., Ci.-St., Cu.	—	5	—	—
,,	20	74 38 (19.48)	168 35	NE	Airs	29·56	30·0	29·0	St., Ci.-St.	—	5	—	—
,,	24	—		NW	2	29·58	29	28	Ci.-St., A.-St.	St.-Cu.	4	b.c.	—
27	4	74 13 (7.45)	172 8	W	2	29·59	29·8	28·0	Ci.-St., Ci.	Cu., St.-Cu.	2	b.	—
,,	8	—		NW	3	29·60	—	—	Ci.-St.	Cu.	2	b.c.	—
,,	12	73 51	172 57	NNW	3	29·59	35	33·5	Ci.-St., St.-Cu.	Cu.	3	b.c.	—
,,	16	—		NE	4	29·53	31·0	29·8	—	Nb., Cu.-Nb.	10	e.o.	—
,,	20	—		NNE	3	29·49	34·5	33·5	Thick	haze	10	f.	2–3
,,	24	—		WNW	3	29·42	32·5	32·5	Fog	—	10	f.	3
28	4	72 23 (6.14)	174 58	NNW	4	29·41	32·0	30·8	—	Cu., Cu.-St., St.	10	o.	—
,,	8	—		WNW	4	29·48	32·8	31·5	—	Small Ci., Nb.	10	o.	—
,,	12	71 54	174 58	NNW	4	29·55	34·2	33·0	Ci.-St., A.-St.	Cu.	4	b.c.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
	In pack			—	—	
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	1 h. to 2 h.: Heavy snow (sago).
	,,	,,		29·0	—	
	,,	,,		—	—	Noon: Clouds radiating SE to NW.
	,,	,,		—	—	
	,,	,,		—	—	
	,,	,,		—	—	
—	—	—	—	—	—	
—	—	—	—	29·5	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	23 h.: Wind suddenly backed.
—	—	—	—	—	—	
—	—	—	—	—	—	
SE	1	—	4	33·2	—	
N by W	2	—	4	—	—	
Nly	1	—	2	—	—	16 h. and 20 h.: A line of pack ice about ¾ mile on starboard hand.
Wly	1	—	0	—	—	
Sly	2	—	0	—	—	
SE	1	SW	3	—	—	
S	2	SW	3	34	—	Open water.
SW	3	SW	3	—	—	14 h: Commenced to snow, slight to moderate. Snow later turned to sleet and drizzle. 19 h.: Fog, intensity, 2–3.
W	3	W	4	—	—	
W	1	W	4	—	—	
W	1	W	3	—	—	
SW	4	SW	4	—	—	2 to 3 h.: Fog clearing.
SW	4	SW	5	30·5	—	
SW	4	SW	5	30·8	—	15 h.: Fog commenced.

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
									Kind.				
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Upper.	Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
January, 1913.		° ′	° ′			Inches.	° F.	° F.					
28	16		—	N	4	29·56	31·4	30·8	—	St.	10	f	1
,,	20		—	N	3	29·58	32·0	31·0	Fog	Fog	10	f.	4
,,	24		—	N	3	29·58	32·4	32·1	,,	,,	10	f.	4
29	4		—	N	3	29·51	31·5	31·2	,,	,,	10	f.½s.	3
,,	8		—	NNE	2	29·47	32·3	32·0	,,	,,	10	f.	4
,,	12	69 56	174 52	NNE	1–2	29·39	33·0	32·8	,,	,,	10	f.	2
,,	16		—	ESE	2	29·25	31·7	31·5	,,	,,	10	4f.s4	3
,,	20		—	SSW	5	29·25	31·0	31·0	,,	,,	10	4f.s4	3
,,	24		—	SSE	6	29·15	30·3	30·3	,,	,,	10	f.	3
30	4		—	SE	8–9	29·21	31	—	—	St.	10	o.q.3s.	—
,,	8		—	N	6	29·32	30·2	30·0	—	St.	10	o.	—
,,	12	68 18	168 47	ESE	6	29·41	30·4	30·0	—	St.	10	o.c.	—
,,	16		—	ESE	6	29·38	31·0	30·3	—	St.	10	o.c.	—
,,	20	67 15 (21.23)	167 47	ENE	4	29·34	31·4	31·0	—	St.	10	o.c.4f.	3
,,	24		—	E	3	29·30	31·2	30·8	—	C.-St., A.-St., St.	10	o.	—
31	4	67 0 (3.45)	165 55	E	6	29·26	31·5	30·8	—	St.	10	o.c.	—
,,	8		—	ESE	5	29·22	31·4	31·0	—	Nb.	10	½s.	—
,,	12	66 14	163 39	ESE	6	29·17	32·0	31·8	—	Nb.	10	4s.f.	1
,,	16		—	ESE	6	29·13	33·0	32·8	—	Nb.	10	4s.o.c.	—
,,	20	63 11 (20.30)	158 52	E	6	29·13	33·0	33·0	—	St.	10	o.c.	—
,,	24		—	E	5	29·16	32·7	32·2	—	St.	10	o.c.	—
February, 1913.													
1	4		—	ESE	3	29·21	32·2	31·2	—	St.	10	o.	—
,,	8		—	E	23	29·29	33·3	32·8	A.-St.	St.-Cu., St.	10	o.c.	—
,,	12	64 4	158 52	E	3	29·35	35·0	34·2	—	St.	10	o.c.	—
,,	16		—	NW	3	29·40	36·0	35·8	—	St.-Cu., Cu.	10	o.c.	—
,,	20		—	NNW	2–3	29·44	36·0	35·0	—	St.-Cu., Cu.	10	o.c.	—
,,	24		—	N	2–3	29·41	37·8	36·9	—	St.	10	o.c.	—
2	4		—	NE	7	29·26	35·0	35·0	—	St.	10	o.r.	—
,,	8		—	N	6	29·15	39·0	39·0	—	St.	10	o.3r.3f.	2

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
SW	4	SW Confused	5	31·0	—	
WSW	4	SWly Confused	5	31·0	—	
W	3	W Confused	4	—	—	
W	2	W	4	—	—	1.30 : Fog cleared. Snow recommenced. 3 h. : Snow ceased. Dense fog. 5 h. : Fog cleared 5.15 : Moderate snow shower.
W	2	Wly	4	31·0	—	
—	2	NW by N	5	31·2	—	
ENE	3	WNW	5	31·0	—	19.20 : Fog shut down again.
—	—		—	—	—	23 h. : Snow for three-quarters of an hour. Rime on rigging.
E by S	5	ENE Confused	5	—	—	
E by N	8	E by N	8	—	—	
NE	—	ENE	—	—	—	Occasionally a little sun.
NE	5	NE	7	—	—	Afternoon : Occasional showers, wind and sleet. Fog varying from intensity 4 to 2.
NE	5	NE	7	—	—	
—	—	—	—	—	—	20 h. : Fog cleared. Occasional snow. During early part of watch a few short snow flurries.
NE	3	E	5	—	—	
NE	5	NE	6	—	—	Morning : Occasional wind flurries. 7.30 : Commenced to snow.
NE	5	NE	6	—	—	
NE	6	NE	7	—	—	
NE by E	7	Very Confused	8	—	—	
NE by N	5	NE, NW	5	—	—	
NE	4	NE, N Confused	4	—	—	
NE by E	4	Wly	7	—	—	
NE by N	3	NE by N Confused	6	—	—	8 h. : Enormous iceberg to windward.
NNE	3	NNE, SE	4	34·6	—	14 h. : Wind from NNE 2 to WSW 2.
—	—	NE by	4	35·0	—	
WNW	2	SW, N Confused	5	35·8	353	
W	2	W Confused	5	—	—	Midnight : Wind to N by E.
N by E	5	Confused	4	—	—	1 to 3 h. : Snow turning to hail and rain. 3 h. to 4. h. : Wind freshening steadily. 5 h. : Rain to fog. Large number of small icebergs in sight. 7 h. : Rain stopped. 9 h. : Fog increased to intensity 4.
NW	4	Confused	4	36·0	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1913.		° ′	° ′			Inches.	° F.	° F.					
2	12	62 9	158 52	N	3	29·10	39·2	39·0	—	St.	10	o.f.	4
,,	16	—		N	2–3	29·09	38·8	38·8	—	St.	10	o.4f.	4
,,	20	61 18 (22 h.)	157 33	SW	1·2	29·04	37·3	37·0	—	—	10	4f.	4
,,	24	—		SSW	2	29·00	35·2	—	—	—	10	f.	4
3	8	—		SSW	5	28·99	35·0	34·8	—	St.	10	o.c.	—
,,	12	59 29	157 33	WSW	5–6	29·05	36·6	36·0	—	St.	10	o.c.	—
,,	16	58 50 (16.20)	157 42	W	5	29·08	39·5	39·0	Low Ci.	Small Ci.	10	o.c.	—
,,	20	58 21 (20.17)	158 5	NNW	3	29·02	39·2	39·0	A -St.	St.-Cu.	10	o.c.	—
,,	24	—		NNW	5	29·01	40·9	40·7	—	Nb.	10	o.c.2d.	—
4	4	—		WNW	5	29·04	41·0	39·8	—	Cu., St.-Cu., St.	9	c.	—
,,	8	57 40 (8.10)	158 47	WNW	6	29·12	41·2	41·3	A.-Cu.	St., St.-Cu.	10	c.	—
,,	12	57 17	159 8	NNW	7	29·18	42·0	—	A.-St.	St.-Cu.	5	b.c.	—
,,	16	56 32 (18.15)	160 8	NNW	8	29·30	43·0	42·8	A.-St.	St., St.-Cu.	9½	o.c.	—
,,	20	—		NW	6	29·38	43·0	42·8	A.-Cu., A.-St.	Cu., St.-Cu.	7	b.c.	—
,,	24	—		NW	5–6	29·43	42·5	42·2	—	—	10	o.	—
5	4	—		NNW	4–5	29·40	42·6	42·4	—	Cu.-St., St.	10	o.c.d.	—
,,	8	—		ENE	3	29·31	44·0	44·0	—	Nb.	10	o.c.d.	—
,,	12	55 17	162 0	NNE	4	29·13	46·0	45·2	—	Nb.	10	o.c.d.	—
,,	16	—		N	6	28·89	46·5	46·2	—	Nb.	10	o.c.d.	—
,,	20	—		NNW	8	28·77	48·0	48·0	—	Nb.	10	o.c.d.	—
,,	24	—		NW	10	28·90	—	—	—	St.	10	o.c.	—
6	4	—		WNW	8	29·17	44·0	43·2	—	Cu., St., Nb.	7	c.	—
,,	8	54 36 (9 h.)	164 15	NW	8	29·38	44·0	44·0	—	Cu., Roll Cu., St., Nb.	6	b.c.	—
,,	12	54 22	164 49	WNW	7	29·55	48·0	47·0	—	St., Cu.	7	q.b.c.	—
,,	16	54 13 (15 h.)	165 5	NNW	7	29·65	48·8	48·6	—	St., Cu., St.-Cu.	7	q.b.c.	—
,,	20	—		NNW	7	29·74	49·0	48·0	—	Cu., St.-Cu.	5	b.c.	—
,,	24	—		NNE	7	29·86?	49·2	48·5	—	St., Cu.	6	b.c.	—
7	4	52 40 (4.41)	167 2	WNW	4	29·91?	49·0	47·5	—	St.-Cu.	3	b.c.	—
,,	8	—		NNW	3–4	29·93	49·2	48·8	—	—	0	b.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
—	2	Confused	4	—	—	
—	2	NW	6	—	378	
—	1	Confused NW by W	7	37·0	—	20 h.: Fog-bow; outer edge tinged with red. Sun shining through thin St. clouds.
SSE	1	W by S	6	—	—	
S	4	SW	5	37·8	—	
SW	5	Confused S, SW	6	39·0	378	14 h.: Faint halo.
SW	3	SW	5	41·0	—	
NW	2	Confused	4	41·0	—	21.30: Commenced to drizzle.
NW by W	3	NW	4	—	—	
W	4	—	—	—	—	0 to 2 h.: Wind freshening and squally. 2 to 4: Wind eased and steadied.
W	5	WNW	6	40·8	—	
NW by W	6	W	6	41·0	376	
NW by W	6	W	6	—	—	
W	4	W	6	—	—	
N to W	5	W by S	7	—	—	
NW	5	SWly	7	—	—	3.45: Light drizzling rain.
Nly	3	SW	6	41·0	—	8 h.: Drizzling.
NW by N	4	W, NW by N	6	41·0	353	12 h.: Drizzling.
N	6	NNW, SW	7	—	—	16.45: Fog (intensity 3) came on.
NW	6	NNW	7–8	—	—	
WNW	8	WNW	8	—	—	Midnight: Wind very unsteady in force got up to 85 miles per hour.
W by S	9	Wly	9	—	—	Wind veering slowly. Very heavy squalls till 3 h., then weather moderating.
WNW	9	Wly	9	—	—	
Wly	9	Wly	9	—	—	Forenoon: Occasional rain squalls. Wind force 8–9.
Wly	8	Wly	8	—	—	
Wly	6	Wly	8	—	—	
WNW	6	WNW	7	—	—	
W	4	SW	8	—	—	
NW	4	W	5–6	48·8	—	

TABLE 88. METEOROLOGICAL LOG

3rd Voyage. December 14th,

Time.		Position.		Wind.		Barometer corrected and reduced to 32° F. Mean Sea Level and Gravity 45°.	Temperature.		Cloud.			Weather.	
Day.	Hour. 12 hrs. fast on G.M.T.	Lat. S.	Long. E.	Direction (True).	Force (0–12).		Dry Bulb.	Wet Bulb.	Kind. Upper.	Kind. Lower.	Amount (0–10).	Beaufort Notation.	Fog Intensity (0–5).
February, 1913.		° ′	° ′			Inches.	° F.	° F.					
7	12	51 56	168 2	NNW	4–5	29·94	50·2	49·6	A.-St.	St.-Cu.	½	b.c.	—
,,	16	—		NNW	3	29·95	51·5	50·8	A.-St.	—	½	b.c.	—
,,	20	50 58	168 54	NNW	2	29·96	51·0	50·0	—	—	0	b.	—
,,	24	(21.24) —		NNW	3	29·92	50·1	49·0	—	St.	10	o.c.	—
8	4	—		NW	4	29·89	50·0	49·8	—	St.-Cu., St.	8	c.d.	—
,,	8	49 51	169 45	NW	4	29·93	50·2	50·0	St.	St., St.-Cu.	½	b.c.	—
,,	12	(7.52) 49 24	169 57	NW	4	29·95	52·0	50·8	A.-St.	Nb., St., St.-Cu.	10	o.c.	—
,,	16	—		W	4	29·97	52·8	52·3	Ci.-Cu., A.-St., A.-Cu.	St.-Cu.	3	b.c.	—
,,	20	48 21	170 10	WNW	4	29·97	52·0	52·0	A.-St.	St.-Cu.	9	b.c.	—
,,	24	(20.56) —		NW	4	30·03	52·1	51·8	—	—	10	o.c.	—
9	4	—		WNW	5	30·04	53·0	53·0	—	Cu., Cu.-St.	8	c.f.	—
,,	8	47 4	170 32	WNW	3	30·10	54·0	53·8	Ci.-St., St.-Cu., A.-St.	—	½	b.c.	—
,,	12	46 42	170 44	WNW	2	30·10	55·8	54·0	A.-St.	St.-Cu.	7	b.c.	—
,,	16	—		NNE	2	30·11	64	—	A.-St.	St.-Cu.	½	b.c.	—
,,	20	—		NNE	4	30·07	61	—	A.-St., Ci.-St.	St.-Cu.	3	b.c.	—
,,	24	—		NNE	3	30·00	60·8	—	—	—	10	o.c.	—
10	4	3 h.: Off Oamaru		NNW	2	29·93	60·0	—	—	St.-Cu., St.	10	o.c.	—
,,	8	—		NNE	1	29·93	61·5	—	—	St.	10	o.c.	—
,,	12	44 49	171 51	ESE	1–2	29·89	61·0	—	—	St.	10	o.c.	—
,,	16	—		ESE	1	29·82	60·8	—	A.-St.	St.	10	o.c.	—
,,	20	22 h.: Off Akaroa Light		ENE	1	29·80	60·2	—	—	St.	10	o.c.	—
,,	24	—		Light Airs	0–1	29·79	59·1	—	—	St.	7	o.c.	—
11	4	—		ESE	2	29·73	60·0	—	A.-Cu.	Cu., St.-Cu.	8	c.	—
,,	8	—		ENE	1	29·69	63·0	—	A.-St.	Cu.	1	b.c.	—
,,	12	Off Akaroa		ESE	1–2	29·58	64·6	—	A.-St.	—	1	b.c.	—
,,	16	18.30: Proceeded for Lyttelton		ENE	1–2	29·44	71·2	—	Ci.-St., A.-St.	—	7	b.c.	—
,,	20	—		WNW	2–3	29·36	67·0	—	St.	—	½	b.c.	—
,,	24	—		WNW	3–4	29·43	69·0	—	—	—	0	b.	—
12	4	—		W	3	29·43	65·0	—	—	—	0	b.	—

KEPT ON BOARD "TERRA NOVA."

1912, TO FEBRUARY 12TH, 1913.

Sea Surface.						Remarks.
Waves.		Swell.		Sea Temperature.	Colour.	
Direction from.	Disturbance (0–10).	Direction from.	Disturbance (0–10).			
				° F.		
NW	3	NW, SW	4	49·0	381	
NW	1	SW, NW	3, 4	50·0	—	Became overcast at 21 h. At midnight very bright phosphorescent belt of sea, 300 yards; not breaking into flame on the bow long, but of white, milky appearance.
NW	1	SW, NW	3, 3	50·0	—	
NW	1	SW, NW	2, 3	—	—	
NW	3	Wly	3	—	—	Drizzling showers. Belts of white water, not ordinary phosphorous.
NW	2	Wly	3	51·0	—	Faint auroral lights.
NW by W	2	NW	3	51·3	381	
Wly	2	NW	3	51·8	—	
Wly	2	NW	3	52·0	—	
WNW	2	—	3	—	—	
W by S	4	—	—	—	—	
—	—	—	—	53·5	—	
W	1–2	S, WSW	3	54·8	377	
N	1	S	2 1	56·0	—	
N	1	S	1	55·0	—	
N	2	SE	2	—	—	
NW	2	SE	4	—	—	3 h.: Put clocks back half hour to 11½ hours fast on G.M.T.
Calm	0	N	3	59·0	—	
E	1	Confused S, W	3, 2	59·8	—	
E	1	E, W	4	61·0	—	
—	—	E	3	61·0	—	
—	—	Confused —	—	—	—	
E	1	Confused	3	—	—	
—	—	SW, NE	2, 1	60·0	—	
—	—	E, W	1, 2	61·0	378	
NE	1	NE	2	62·8	—	
W	2	Confused Confused	2–3	60·0	—	
—	2	—	2	—	—	
WSW	2	—	—	—	—	8 h.: At Lyttelton.

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